

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018069.D
 Acq On : 11 Nov 2023 16:55
 Operator : MA/JU
 Sample : 05016-03MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A49A1MSD

Quant Time: Nov 11 21:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/12/2023
 Supervised By :mohammad ahmed 11/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	69620	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	286004	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	169955	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	361350	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	354691	20.000	ng/u1	0.00
88) Perylene-d12	23.939	264	396277	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	8667	4.392	ng/uL	0.00
4) Pyridine-d5	3.669	84	60264	11.711	ng/u1	0.00
7) Phenol-d5	7.022	99	59874	8.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	149962	37.966	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	156455	29.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	102622	18.633	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	96461	37.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	107337	36.769	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	180298	34.653	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	200878	28.153	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	620742	39.585	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	639359	37.434	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	58596	25.006	ng/u1	0.04
60) Fluorene-d10	15.527	176	502594	38.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	123952	47.450	ng/u1	0.00
73) Anthracene-d10	17.410	188	849004	43.442	ng/u1	0.00
81) Pyrene-d10	19.663	212	1074549	45.355	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	1104745	47.944	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	13144	6.103	ng/uL	93
5) Pyridine	3.687	79	69111	13.013	ng/u1	97
6) Benzaldehyde	7.016	77	143305	39.589	ng/u1	99
8) Phenol	7.046	94	67530	10.185	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.293	93	209384	40.705	ng/u1	97
12) 2-Chlorophenol	7.404	128	173282	32.425	ng/u1	99
13) 2-Methylphenol	8.304	108	124921	24.935	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.357	45	232624m	39.605	ng/u1	
16) Acetophenone	8.704	105	335479	38.320	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	179086	37.467	ng/u1	97
18) 4-Methylphenol	8.640	108	114885	21.027	ng/u1	95
19) Hexachloroethane	8.898	117	83430	32.629	ng/u1	94
22) Nitrobenzene	9.098	77	284663	40.914	ng/u1	95
23) Isophorone	9.604	82	489852	38.584	ng/u1	99
25) 2-Nitrophenol	9.798	139	119324	39.777	ng/u1	99
26) 2,4-Dimethylphenol	9.845	107	150613	23.603	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.098	93	273741	39.540	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	186850	37.608	ng/u1	97
30) Naphthalene	10.722	128	658489	37.859	ng/u1	99
32) 4-Chloroaniline	10.875	127	200666	29.361	ng/u1	100
33) Hexachlorobutadiene	10.934	225	133217	36.524	ng/u1	98
34) Caprolactam	11.728	113	10088	6.112	ng/u1	89
35) 4-Chloro-3-methylphenol	11.981	107	198346	33.183	ng/u1	95
36) 2-Methylnaphthalene	12.334	142	455562	38.151	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018069.D
 Acq On : 11 Nov 2023 16:55
 Operator : MA/JU
 Sample : 05016-03MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A49A1MSD

Quant Time: Nov 11 21:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2023
 Supervised By :mohammad ahmed 11/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	449918	36.666	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	246718	42.972	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	78932	28.482	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	159959	42.471	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	174613	44.052	ng/ul	95
43) 1,1'-Biphenyl	13.351	154	609841	42.198	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	483466	42.137	ng/ul	99
45) 2-Nitroaniline	13.657	65	173094	46.750	ng/ul	100
47) Dimethylphthalate	13.992	163	671957	43.683	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	139824	45.732	ng/ul	98
50) Acenaphthylene	14.251	152	797029	41.332	ng/ul	99
51) 3-Nitroaniline	14.492	138	126053	44.430	ng/ul	97
52) Acenaphthene	14.586	153	532092	41.613	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	78736	47.205	ng/ul	97
55) 4-Nitrophenol	14.816	109	44020	14.152	ng/ul#	54
56) Dibenzofuran	14.927	168	741860	42.336	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	222407	48.687	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	156143	44.282	ng/ul	98
59) Diethylphthalate	15.351	149	743524	46.265	ng/ul	99
61) Fluorene	15.580	166	638835	42.942	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	318895	43.742	ng/ul	99
63) 4-Nitroaniline	15.669	138	140689	52.549	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.698	198	140739	51.920	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	554311	47.832	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	196489	48.246	ng/ul	95
69) Hexachlorobenzene	16.563	284	223296	49.136	ng/ul	94
70) Atrazine	16.769	200	191272	47.316	ng/ul	99
71) Pentachlorophenol	16.939	266	136565	49.505	ng/ul	98
72) Phenanthrene	17.351	178	1096383	49.416	ng/ul	99
74) Anthracene	17.445	178	1086820	48.001	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	245500	44.490	ng/uL	99
76) Pentachlorobenzene	14.822	250	225834	41.806	ng/uL	96
77) Carbazole	17.739	167	1053991	53.606	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1361579	54.579	ng/ul	99
80) Fluoranthene	19.327	202	1382476	49.965	ng/ul	99
82) Pyrene	19.692	202	1433479	49.441	ng/ul	99
83) Butylbenzylphthalate	20.557	149	668312	54.810	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	343517	40.537	ng/ul	96
85) Benzo(a)anthracene	21.415	228	1486650	51.907	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	969158	57.650	ng/ul	99
87) Chrysene	21.474	228	1388691	51.828	ng/ul	98
89) Di-n-octyl phthalate	22.256	149	1679512	56.672	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1491292	52.879	ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	1477825	52.084	ng/ul	99
93) Benzo(a)pyrene	23.827	252	1413790	53.084	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.609	276	1737725	54.401	ng/ul	98
95) Dibenzo(a,h)anthracene	26.627	278	1453480	55.262	ng/ul	100
96) Benzo(g,h,i)perylene	27.439	276	1384882	54.205	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Quant Time: Nov 11 21:54:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

