

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016275.D
 Acq On : 18 Jul 2023 03:28
 Operator : MA/JU
 Sample : PB153934BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS934

Quant Time: Jul 18 04:35:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	174342	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.763	136	856282	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	556095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1275092	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1286466	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1372624	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	32430	6.582	ng/uL	0.00
4) Pyridine-d5	3.728	84	430759	35.057	ng/u1	-0.01
7) Phenol-d5	7.134	99	607027	38.548	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.281	67	376383	35.347	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.481	132	436402	38.389	ng/u1	-0.01
15) 4-Methylphenol-d8	8.687	113	465017	36.657	ng/u1	-0.02
21) Nitrobenzene-d5	9.140	128	222219	37.617	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.863	143	252511	37.504	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	450013	38.597	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.940	131	580087	31.040	ng/u1	-0.02
46) Dimethylphthalate-d6	14.016	166	1395931	32.908	ng/u1	-0.01
49) Acenaphthylene-d8	14.298	160	1600995	34.439	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	353101m	40.787	ng/u1	-0.01
60) Fluorene-d10	15.598	176	1214477	34.210	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	231186	31.408	ng/u1	-0.01
73) Anthracene-d10	17.475	188	1913882	34.314	ng/u1	0.00
81) Pyrene-d10	19.704	212	2387850	35.770	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.786	264	2398993	36.394	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	66204	12.250	ng/uL	93
5) Pyridine	3.746	79	421476	33.488	ng/u1	98
6) Benzaldehyde	7.111	77	267133	27.167	ng/u1	99
8) Phenol	7.163	94	604754	35.825	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	467111	34.025	ng/u1	99
12) 2-Chlorophenol	7.511	128	435497	36.924	ng/u1	99
13) 2-Methylphenol	8.416	108	444157	34.958	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	728547m	32.700	ng/u1	
16) Acetophenone	8.799	105	736434	35.205	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	394704	35.195	ng/u1	99
18) 4-Methylphenol	8.758	108	487150	35.062	ng/u1	98
19) Hexachloroethane	9.010	117	181233	33.705	ng/u1	97
22) Nitrobenzene	9.181	77	600057	34.961	ng/u1	99
23) Isophorone	9.699	82	1110442	32.639	ng/u1	99
25) 2-Nitrophenol	9.899	139	256944	35.519	ng/u1	96
26) 2,4-Dimethylphenol	9.957	107	469880	29.537	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.181	93	682137	34.433	ng/u1	99
29) 2,4-Dichlorophenol	10.452	162	426560	35.580	ng/u1	97
30) Naphthalene	10.816	128	1481128	32.960	ng/u1	99
32) 4-Chloroaniline	10.969	127	489403	26.330	ng/u1	98
33) Hexachlorobutadiene	11.075	225	261933	32.168	ng/u1	98
34) Caprolactam	11.781	113	148432	34.199	ng/u1	97
35) 4-Chloro-3-methylphenol	12.104	107	523045	35.353	ng/u1	99
36) 2-Methylnaphthalene	12.434	142	985316	32.703	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
 Data File : BP016275.D
 Acq On : 18 Jul 2023 03:28
 Operator : MA/JU
 Sample : PB153934BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS934

Quant Time: Jul 18 04:35:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :mohammad ahmed 07/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1007537	32.515	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	537185	33.917	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	97153	15.625	ng/ul	95
41) 2,4,6-Trichlorophenol	13.063	196	327304	32.710	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	357077	33.565	ng/ul	99
43) 1,1'-Biphenyl	13.434	154	1363950	33.624	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	1087593	34.125	ng/ul	100
45) 2-Nitroaniline	13.728	65	375813	36.183	ng/ul	97
47) Dimethylphthalate	14.063	163	1375176	32.097	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	283521	35.102	ng/ul	96
50) Acenaphthylene	14.328	152	1688286	31.620	ng/ul	100
51) 3-Nitroaniline	14.569	138	284579	34.696	ng/ul	92
52) Acenaphthene	14.669	153	1176354	32.575	ng/ul	97
53) 2,4-Dinitrophenol	14.810	184	125952	22.279	ng/ul	97
55) 4-Nitrophenol	14.922	109	115941	17.599	ng/ul#	52
56) Dibenzofuran	15.010	168	1634667	33.233	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	423248	35.522	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.251	232	286459	29.670	ng/ul	99
59) Diethylphthalate	15.422	149	1414420	31.746	ng/ul	99
61) Fluorene	15.657	166	1346434	32.767	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	646854	32.548	ng/ul	99
63) 4-Nitroaniline	15.739	138	267462	35.506	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.798	198	220349	28.641	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	1144364	33.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	406022	33.507	ng/ul	97
69) Hexachlorobenzene	16.669	284	476538	32.655	ng/ul	99
70) Atrazine	16.839	200	118791	8.864	ng/ul	97
71) Pentachlorophenol	17.039	266	186089	25.429	ng/ul	99
72) Phenanthrene	17.410	178	2212889	33.308	ng/ul	100
74) Anthracene	17.510	178	2197071	32.910	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	550439	32.883	ng/uL	100
76) Pentachlorobenzene	14.928	250	1260529	79.777	ng/uL	98
77) Carbazole	17.798	167	2062883	33.891	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2539687	33.308	ng/ul	100
80) Fluoranthene	19.380	202	2720884	34.856	ng/ul	99
82) Pyrene	19.739	202	2850271	34.199	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1255120	34.919	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	913489	30.390	ng/ul	98
85) Benzo(a)anthracene	21.445	228	2806437	33.500	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1854567	34.539	ng/ul	100
87) Chrysene	21.504	228	2766595	32.600	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	3254773	37.856	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	2863109	36.516	ng/ul	99
91) Benzo(k)fluoranthene	23.239	252	2852372	35.748	ng/ul	99
93) Benzo(a)pyrene	23.845	252	2468194	31.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.580	276	2859078	29.726	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	2351219	29.970	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	2245688	29.252	ng/ul	100

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

