

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018054.D
 Acq On : 11 Nov 2023 07:53
 Operator : MA/JU
 Sample : PB156684BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS684

Quant Time: Nov 11 20:05:50 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	7.851	152	78563	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	307718	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	167126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	321805	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	285065	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	353090	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10819	4.858	ng/uL	0.00
4) Pyridine-d5	3.663	84	143536	24.718	ng/u1	0.00
7) Phenol-d5	7.016	99	188407	24.840	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	112714	25.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	150130	24.995	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	145651	23.435	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	72155	26.026	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	79297	25.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	143492	25.633	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	172072	22.415	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	354986	23.021	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	428098	25.489	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	43894	19.049	ng/u1	0.00
60) Fluorene-d10	15.527	176	303136	23.810	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	55793	23.982	ng/u1	0.00
73) Anthracene-d10	17.404	188	428346	24.611	ng/u1	0.00
81) Pyrene-d10	19.657	212	485205	25.482	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.768	264	538901	26.248	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	26668	10.973	ng/uL	94
5) Pyridine	3.681	79	151168	25.224	ng/u1	97
6) Benzaldehyde	7.016	77	109599	26.831	ng/u1	98
8) Phenol	7.045	94	205035	27.403	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.293	93	160053	27.573	ng/u1	98
12) 2-Chlorophenol	7.404	128	163983	27.192	ng/u1	97
13) 2-Methylphenol	8.304	108	147391	26.071	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	181800m	27.429	ng/u1	
16) Acetophenone	8.704	105	250605	25.367	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.669	70	131777	24.431	ng/u1	98
18) 4-Methylphenol	8.639	108	159098	25.805	ng/u1	98
19) Hexachloroethane	8.898	117	76141	26.389	ng/u1	91
22) Nitrobenzene	9.098	77	211688	28.278	ng/u1	95
23) Isophorone	9.604	82	348302	25.498	ng/u1	99
25) 2-Nitrophenol	9.798	139	92149	28.551	ng/u1	98
26) 2,4-Dimethylphenol	9.839	107	156865	22.848	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.098	93	201137	27.002	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	147855	27.659	ng/u1	98
30) Naphthalene	10.722	128	504033	26.934	ng/u1	99
32) 4-Chloroaniline	10.875	127	160512	21.829	ng/u1	100
33) Hexachlorobutadiene	10.939	225	108272	27.590	ng/u1	96
34) Caprolactam	11.710	113	36972	20.820	ng/u1	93
35) 4-Chloro-3-methylphenol	11.986	107	161041	25.041	ng/u1	95
36) 2-Methylnaphthalene	12.333	142	327281	25.474	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	324579	24.585	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.686	216	173787	30.781	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	66933	24.561	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	107823	29.113	ng/ul	97
42) 2,4,5-Trichlorophenol	13.033	196	116070	29.778	ng/ul	94
43) 1,1'-Biphenyl	13.351	154	415829	29.260	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	335235	29.712	ng/ul	99
45) 2-Nitroaniline	13.657	65	103427	28.407	ng/ul	99
47) Dimethylphthalate	13.992	163	385184	25.464	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	78589	26.139	ng/ul	96
50) Acenaphthylene	14.251	152	533395	28.129	ng/ul	100
51) 3-Nitroaniline	14.492	138	73944	26.504	ng/ul	100
52) Acenaphthene	14.586	153	347054	27.601	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	32521	19.828	ng/ul	96
55) 4-Nitrophenol	14.798	109	76008	24.850	ng/ul	97
56) Dibenzofuran	14.927	168	465997	27.044	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	110577	24.616	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.151	232	85389	24.626	ng/ul	96
59) Diethylphthalate	15.351	149	378125	23.927	ng/ul	98
61) Fluorene	15.580	166	379838	25.964	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	185580	25.887	ng/ul	100
63) 4-Nitroaniline	15.669	138	70891	26.927	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	64169	26.582	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	303726	29.430	ng/ul	97
68) 4-Bromophenyl-phenylether	16.480	248	101763	28.057	ng/ul	92
69) Hexachlorobenzene	16.557	284	114093	28.191	ng/ul	98
70) Atrazine	16.763	200	82971	23.047	ng/ul	97
71) Pentachlorophenol	16.933	266	64311	26.178	ng/ul	92
72) Phenanthrene	17.345	178	554528	28.065	ng/ul	99
74) Anthracene	17.439	178	547571	27.156	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	166667	33.915	ng/uL	100
76) Pentachlorobenzene	14.822	250	141009	29.311	ng/uL	98
77) Carbazole	17.739	167	487721	27.854	ng/ul	99
78) Di-n-butylphthalate	18.245	149	549099	24.715	ng/ul	99
80) Fluoranthene	19.327	202	620809	27.917	ng/ul	100
82) Pyrene	19.686	202	654017	28.067	ng/ul	99
83) Butylbenzylphthalate	20.551	149	253203	25.838	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.362	252	201700	29.615	ng/ul	97
85) Benzo(a)anthracene	21.415	228	661946	28.757	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	328539	24.316	ng/ul	99
87) Chrysene	21.468	228	618052	28.700	ng/ul	97
89) Di-n-octyl phthalate	22.256	149	591959	22.418	ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	705406	28.072	ng/ul	100
91) Benzo(k)fluoranthene	23.209	252	698255	27.619	ng/ul	99
93) Benzo(a)pyrene	23.821	252	687245	28.960	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	888822	31.229	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	731667	31.221	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	726760	31.925	ng/ul	98

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

