

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018245.D
 Acq On : 18 Nov 2023 05:20
 Operator : MA/JU
 Sample : PB157215BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS215

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 19 01:06:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	48809	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	202697	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	144968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	331074	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	308191	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	321295	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	8893	6.427	ng/uL	0.00
4) Pyridine-d5	3.587	84	109003	30.215	ng/u1	0.00
7) Phenol-d5	6.946	99	139782	29.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	85861	31.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	113640	30.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	118080	30.580	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	54764	29.988	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	64926	31.382	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	116044	31.470	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	145016	28.677	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	430281	32.168	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	457026	31.370	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	55449	27.742	ng/u1	-0.01
60) Fluorene-d10	15.463	176	353891	32.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	77305	32.299	ng/u1	0.00
73) Anthracene-d10	17.339	188	566033	31.612	ng/u1	0.00
81) Pyrene-d10	19.598	212	695064	33.764	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	677145	36.245	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	19075	12.634	ng/uL	97
5) Pyridine	3.611	79	116317	31.240	ng/u1	98
6) Benzaldehyde	6.952	77	86039	33.903	ng/u1	98
8) Phenol	6.975	94	137434	29.565	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	107512	29.812	ng/u1	97
12) 2-Chlorophenol	7.334	128	114548	30.574	ng/u1	99
13) 2-Methylphenol	8.234	108	108556	30.908	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.287	45	127653m	31.000	ng/u1	
16) Acetophenone	8.640	105	192013	31.284	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	103645	30.930	ng/u1	96
18) 4-Methylphenol	8.569	108	116254	30.350	ng/u1	97
19) Hexachloroethane	8.822	117	59330	33.098	ng/u1	94
22) Nitrobenzene	9.028	77	155001	31.434	ng/u1	97
23) Isophorone	9.534	82	265996	29.562	ng/u1	97
25) 2-Nitrophenol	9.728	139	65372	30.749	ng/u1	94
26) 2,4-Dimethylphenol	9.775	107	110678	24.473	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	147983	30.160	ng/u1	98
29) 2,4-Dichlorophenol	10.252	162	107452	30.516	ng/u1	98
30) Naphthalene	10.646	128	378830	30.732	ng/u1	99
32) 4-Chloroaniline	10.799	127	132860	27.430	ng/u1	98
33) Hexachlorobutadiene	10.857	225	85651	33.134	ng/u1	97
34) Caprolactam	11.634	113	39720m	33.956	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	142647	33.673	ng/u1	96
36) 2-Methylnaphthalene	12.263	142	278887	32.954	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	279556	32.146	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	162278	33.136	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	58798	24.873	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	104402	32.497	ng/ul	95
42) 2,4,5-Trichlorophenol	12.963	196	106460	31.487	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	390480	31.677	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	310521	31.728	ng/ul	99
45) 2-Nitroaniline	13.593	65	104702	33.152	ng/ul	95
47) Dimethylphthalate	13.928	163	430351	32.799	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	84066	32.234	ng/ul	97
50) Acenaphthylene	14.187	152	515399	31.334	ng/ul	99
51) 3-Nitroaniline	14.434	138	79610	32.896	ng/ul#	90
52) Acenaphthene	14.522	153	348364	31.940	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	36753	25.833	ng/ul	93
55) 4-Nitrophenol	14.734	109	88606	33.396	ng/ul	90
56) Dibenzofuran	14.863	168	484006	32.382	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	130321	33.446	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.087	232	99905m	33.216	ng/ul	
59) Diethylphthalate	15.287	149	459915	33.550	ng/ul	99
61) Fluorene	15.516	166	416501	32.822	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	211453	34.004	ng/ul	100
63) 4-Nitroaniline	15.610	138	74393	32.576	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	78663	31.673	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	345697	32.559	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	126869	34.000	ng/ul	91
69) Hexachlorobenzene	16.498	284	146526	35.191	ng/ul	93
70) Atrazine	16.704	200	131930	35.621	ng/ul	99
71) Pentachlorophenol	16.875	266	61364	24.279	ng/ul	99
72) Phenanthrene	17.281	178	671682	33.042	ng/ul	100
74) Anthracene	17.375	178	661994	31.912	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	165385	32.712	ng/uL	99
76) Pentachlorobenzene	14.751	250	168372	34.019	ng/uL	95
77) Carbazole	17.675	167	607714	33.735	ng/ul	99
78) Di-n-butylphthalate	18.181	149	816014	35.701	ng/ul	98
80) Fluoranthene	19.269	202	814232	33.868	ng/ul	98
82) Pyrene	19.628	202	860366	34.151	ng/ul	98
83) Butylbenzylphthalate	20.498	149	377201	35.603	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.304	252	252162	34.246	ng/ul	99
85) Benzo(a)anthracene	21.357	228	834467	33.532	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	532833	36.477	ng/ul	99
87) Chrysene	21.410	228	772239	33.169	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	932122	38.793	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	804402	35.179	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	794736	34.546	ng/ul	99
93) Benzo(a)pyrene	23.733	252	777414	36.002	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.474	276	879339	33.953	ng/ul	100
95) Dibenzo(a,h)anthracene	26.498	278	734561	34.446	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	697683	33.680	ng/ul	96

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

