

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018216.D
 Acq On : 17 Nov 2023 10:23
 Operator : MA/JU
 Sample : PB157121BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS121

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 16:58:19 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	44283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	190114	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	132642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	308532	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	297890	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	313167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	11531	9.186	ng/uL	0.00
4) Pyridine-d5	3.587	84	129869	39.678	ng/u1	0.00
7) Phenol-d5	6.946	99	190573	44.576	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	119205	47.446	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	153847	45.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.511	113	155566	44.406	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	75924	44.327	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	89536	46.141	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	162970	47.121	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	201073	42.395	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	570142	46.586	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	602881	45.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	76790	41.989	ng/u1	-0.01
60) Fluorene-d10	15.463	176	476159	47.124	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	101936	45.702	ng/u1	0.00
73) Anthracene-d10	17.345	188	762810	45.714	ng/u1	0.00
81) Pyrene-d10	19.598	212	936953	47.088	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	882356	48.455	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	25993	18.975	ng/uL	96
5) Pyridine	3.611	79	135021	39.970	ng/u1	97
6) Benzaldehyde	6.952	77	114048	49.533	ng/u1	94
8) Phenol	6.975	94	209032	49.564	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	164138	50.166	ng/u1	99
12) 2-Chlorophenol	7.334	128	167426	49.255	ng/u1	99
13) 2-Methylphenol	8.234	108	156115	48.991	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.293	45	185774m	49.726	ng/u1	
16) Acetophenone	8.640	105	276106	49.583	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.605	70	153028	50.334	ng/u1	96
18) 4-Methylphenol	8.575	108	169734	48.841	ng/u1	100
19) Hexachloroethane	8.828	117	84375	51.880	ng/u1	94
22) Nitrobenzene	9.028	77	240169	51.930	ng/u1	96
23) Isophorone	9.534	82	416562	49.360	ng/u1	98
25) 2-Nitrophenol	9.728	139	102393	51.350	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	179543	42.328	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	232007	50.414	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	167481	50.712	ng/u1	97
30) Naphthalene	10.646	128	573163	49.575	ng/u1	99
32) 4-Chloroaniline	10.805	127	191222	42.092	ng/u1	99
33) Hexachlorobutadiene	10.863	225	125818	51.895	ng/u1	95
34) Caprolactam	11.634	113	49737m	45.334	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	197876	49.802	ng/u1	100
36) 2-Methylnaphthalene	12.263	142	412272	51.940	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	408747	50.113	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.622	216	217787	48.603	ng/ul	97
40) Hexachlorocyclopentadiene	12.557	237	85331	39.452	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	141853	48.258	ng/ul	94
42) 2,4,5-Trichlorophenol	12.963	196	149469	48.316	ng/ul	94
43) 1,1'-Biphenyl	13.287	154	562555	49.876	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	440862	49.232	ng/ul	99
45) 2-Nitroaniline	13.593	65	161816	55.998	ng/ul	89
47) Dimethylphthalate	13.934	163	620625	51.695	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	124057	51.989	ng/ul	96
50) Acenaphthylene	14.187	152	747736	49.684	ng/ul	99
51) 3-Nitroaniline	14.434	138	117254	52.954	ng/ul	92
52) Acenaphthene	14.528	153	504791	50.583	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	48038	36.902	ng/ul	94
55) 4-Nitrophenol	14.734	109	133551	55.014	ng/ul	89
56) Dibenzofuran	14.863	168	704061	51.482	ng/ul	95
57) 2,4-Dinitrotoluene	14.881	165	194185	54.467	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.093	232	129762	47.152	ng/ul	96
59) Diethylphthalate	15.293	149	687108	54.782	ng/ul	100
61) Fluorene	15.522	166	613047	52.800	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	306274	53.829	ng/ul	96
63) 4-Nitroaniline	15.610	138	120625	57.729	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.640	198	110859	47.898	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	509186	51.460	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	179011	51.479	ng/ul	91
69) Hexachlorobenzene	16.498	284	196155	50.552	ng/ul	98
70) Atrazine	16.704	200	138607	40.158	ng/ul	97
71) Pentachlorophenol	16.875	266	66623	28.286	ng/ul	97
72) Phenanthrene	17.287	178	985083	52.000	ng/ul	100
74) Anthracene	17.381	178	989719	51.196	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	220386	46.776	ng/uL	97
76) Pentachlorobenzene	14.757	250	214655	46.539	ng/uL	97
77) Carbazole	17.681	167	901110	53.677	ng/ul	99
78) Di-n-butylphthalate	18.187	149	1248304	58.604	ng/ul	98
80) Fluoranthene	19.269	202	1208654	52.012	ng/ul	99
82) Pyrene	19.628	202	1267828	52.066	ng/ul	99
83) Butylbenzylphthalate	20.498	149	607089	59.283	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.304	252	379283	53.292	ng/ul	96
85) Benzo(a)anthracene	21.357	228	1277997	53.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	870318	61.642	ng/ul	99
87) Chrysene	21.416	228	1174653	52.199	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	1528369	65.258	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1221957	54.828	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1194125	53.254	ng/ul	99
93) Benzo(a)pyrene	23.733	252	1132017	53.784	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	1306693	51.763	ng/ul	97
95) Dibenzo(a,h)anthracene	26.492	278	1095274	52.695	ng/ul	99
96) Benzo(g,h,i)perylene	27.286	276	1040074	51.512	ng/ul	96

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

