

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018246.D
 Acq On : 18 Nov 2023 05:54
 Operator : MA/JU
 Sample : PB157219BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS219

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 01:08:42 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	7.775	152	59100	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	234918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	149510	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	348876	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	341562	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	349120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	11115m	6.634	ng/uL	0.00
4) Pyridine-d5	3.587	84	123726	28.324	ng/u1	0.00
7) Phenol-d5	6.946	99	167099	29.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	101909	30.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	137678	30.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	133783	28.614	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	65317	30.861	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	73247	30.548	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	135840	31.786	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	169829	28.978	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	435087	31.540	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	459391	30.575	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	59910	29.063	ng/u1	-0.01
60) Fluorene-d10	15.463	176	368822	32.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	79898	31.679	ng/u1	0.00
73) Anthracene-d10	17.339	188	594489	31.507	ng/u1	0.00
81) Pyrene-d10	19.598	212	735212	32.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	696331	34.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	24366	13.328	ng/uL	97
5) Pyridine	3.611	79	134187	29.764	ng/u1	97
6) Benzaldehyde	6.952	77	104420	33.982	ng/u1	97
8) Phenol	6.975	94	183390	32.582	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.222	93	145691	33.364	ng/u1	96
12) 2-Chlorophenol	7.334	128	154979	34.162	ng/u1	96
13) 2-Methylphenol	8.234	108	139350	32.766	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.287	45	169571m	34.009	ng/u1	
16) Acetophenone	8.634	105	249356	33.552	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.599	70	131612	32.437	ng/u1	95
18) 4-Methylphenol	8.569	108	151658	32.699	ng/u1	94
19) Hexachloroethane	8.822	117	74475	34.312	ng/u1	92
22) Nitrobenzene	9.028	77	209133	36.595	ng/u1	97
23) Isophorone	9.534	82	350073	33.570	ng/u1	99
25) 2-Nitrophenol	9.728	139	87762	35.618	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	146507	27.952	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	202144	35.547	ng/u1	100
29) 2,4-Dichlorophenol	10.246	162	147366	36.111	ng/u1	96
30) Naphthalene	10.646	128	494391	34.606	ng/u1	99
32) 4-Chloroaniline	10.799	127	167173	29.780	ng/u1	100
33) Hexachlorobutadiene	10.857	225	109355	36.502	ng/u1	98
34) Caprolactam	11.634	113	49337m	36.393	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	174472	35.536	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	340967	34.764	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	341564	33.889	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	188346	37.291	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	70305	28.838	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	120519	36.375	ng/ul	97
42) 2,4,5-Trichlorophenol	12.963	196	123991	35.558	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	445483	35.041	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	350294	34.705	ng/ul	100
45) 2-Nitroaniline	13.593	65	125919	38.659	ng/ul	94
47) Dimethylphthalate	13.928	163	493150	36.443	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	97306	36.177	ng/ul	97
50) Acenaphthylene	14.187	152	591312	34.858	ng/ul	99
51) 3-Nitroaniline	14.434	138	89442	35.836	ng/ul	92
52) Acenaphthene	14.522	153	393720	35.002	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	44378	30.244	ng/ul	96
55) 4-Nitrophenol	14.740	109	107727	39.370	ng/ul	88
56) Dibenzofuran	14.863	168	557050	36.137	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	155522	38.701	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	108732	35.053	ng/ul	98
59) Diethylphthalate	15.287	149	540959	38.264	ng/ul	100
61) Fluorene	15.516	166	489924	37.435	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	246195	38.388	ng/ul	97
63) 4-Nitroaniline	15.610	138	92693	39.356	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	93825	35.851	ng/ul	91
67) N-Nitrosodiphenylamine	15.740	169	409248	36.577	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	146614	37.287	ng/ul	91
69) Hexachlorobenzene	16.498	284	164050	37.389	ng/ul	96
70) Atrazine	16.704	200	126384	32.382	ng/ul	97
71) Pentachlorophenol	16.875	266	70942	26.636	ng/ul	98
72) Phenanthrene	17.287	178	794564	37.093	ng/ul	100
74) Anthracene	17.375	178	797545	36.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	189052	35.485	ng/ul	99
76) Pentachlorobenzene	14.751	250	180808	34.668	ng/ul	96
77) Carbazole	17.675	167	737579	38.855	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1001785	41.592	ng/ul	98
80) Fluoranthene	19.269	202	1011521	37.963	ng/ul	99
82) Pyrene	19.628	202	1004309	35.970	ng/ul	99
83) Butylbenzylphthalate	20.498	149	478087	40.717	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.304	252	301926	36.999	ng/ul	95
85) Benzo(a)anthracene	21.357	228	1047850	37.993	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	684805	42.301	ng/ul	98
87) Chrysene	21.416	228	961763	37.274	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1170589	44.834	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	989062	39.808	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	988606	39.548	ng/ul	99
93) Benzo(a)pyrene	23.733	252	926401	39.482	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	1084497	38.537	ng/ul	99
95) Dibenzo(a,h)anthracene	26.498	278	908496	39.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	866505	38.496	ng/ul	97

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

