

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
 Data File : BP012800.D
 Acq On : 27 Nov 2022 10:37
 Operator : CG/JU
 Sample : PB149206BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS206

Quant Time: Nov 27 23:06:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
 Supervised By :mohammad ahmed 11/30/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	482659	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	2224104	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1526040	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	3379289	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	3482547	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	3545725	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	66342	5.890	ng/uL	0.00
4) Pyridine-d5	3.817	84	942292	27.955	ng/u1	0.00
7) Phenol-d5	7.164	99	1374547	34.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	805570	32.962	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	1060320	35.085	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	1109424	34.718	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	527628	38.760	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	594830	41.153	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1182653	35.067	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1504101	32.568	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	3611083	34.378	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	4110142	33.536	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	706517	37.727	ng/u1	0.00
60) Fluorene-d10	15.645	176	3148845	34.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	616589	38.176	ng/u1	0.00
73) Anthracene-d10	17.510	188	4930805	33.148	ng/u1	0.00
81) Pyrene-d10	19.733	212	5931010	29.310	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	5988582	34.385	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	130849	10.817	ng/uL	98
5) Pyridine	3.834	79	974115	29.535	ng/u1	97
6) Benzaldehyde	7.146	77	810660m	41.862	ng/u1	
8) Phenol	7.193	94	1358859	32.674	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	1075976	31.577	ng/u1	100
12) 2-Chlorophenol	7.575	128	1083067	32.946	ng/u1	99
13) 2-Methylphenol	8.452	108	1049104	32.458	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1499857	30.516	ng/u1	100
16) Acetophenone	8.846	105	1685361	33.276	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	824664	33.053	ng/u1	98
18) 4-Methylphenol	8.787	108	1163827	32.694	ng/u1	100
19) Hexachloroethane	9.110	117	401530	31.850	ng/u1	93
22) Nitrobenzene	9.228	77	1204619	33.740	ng/u1	99
23) Isophorone	9.758	82	2472223	31.410	ng/u1	97
25) 2-Nitrophenol	9.940	139	639978	36.887	ng/u1	97
26) 2,4-Dimethylphenol	9.993	107	1105066	28.663	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.234	93	1526389	31.631	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	1146504	32.816	ng/u1	99
30) Naphthalene	10.887	128	3635496	31.216	ng/u1	100
32) 4-Chloroaniline	10.993	127	1526821	32.191	ng/u1	100
33) Hexachlorobutadiene	11.169	225	729081	31.330	ng/u1	99
34) Caprolactam	11.763	113	379974m	35.418	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	1198836	33.885	ng/u1	97
36) 2-Methylnaphthalene	12.487	142	2588164	32.272	ng/u1	99

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37) 1-Methylnaphthalene	12.704	142	2584667	32.157	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	1490380	30.627	ng/u1	99
40) Hexachlorocyclopentadiene	12.834	237	649919	27.718	ng/u1	100
41) 2,4,6-Trichlorophenol	13.087	196	993474	32.628	ng/u1	99
42) 2,4,5-Trichlorophenol	13.151	196	1091947	33.360	ng/u1	98
43) 1,1'-Biphenyl	13.487	154	3450642	31.040	ng/u1	99
44) 2-Chloronaphthalene	13.534	162	2750777	30.931	ng/u1	99
45) 2-Nitroaniline	13.734	65	715199	41.102	ng/u1	100
47) Dimethylphthalate	14.104	163	3559079	32.324	ng/u1	99
48) 2,6-Dinitrotoluene	14.228	165	693769	40.261	ng/u1	97
50) Acenaphthylene	14.375	152	4231046	31.571	ng/u1	100
51) 3-Nitroaniline	14.551	138	737735	36.967	ng/u1	96
52) Acenaphthene	14.716	153	2942253	31.184	ng/u1	99
53) 2,4-Dinitrophenol	14.751	184	395514	35.719	ng/u1	99
55) 4-Nitrophenol	14.851	109	472199	34.706	ng/u1	96
56) Dibenzofuran	15.051	168	4133750	31.786	ng/u1	100
57) 2,4-Dinitrotoluene	15.010	165	1019129	40.078	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.275	232	957842	33.951	ng/u1	96
59) Diethylphthalate	15.469	149	3515091	32.980	ng/u1	99
61) Fluorene	15.704	166	3369206	32.305	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1749622	32.333	ng/u1	98
63) 4-Nitroaniline	15.716	138	747105	43.924	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.775	198	621698	35.860	ng/u1#	92
67) N-Nitrosodiphenylamine	15.904	169	2956469	30.784	ng/u1	99
68) 4-Bromophenyl-phenylether	16.592	248	1081905	32.529	ng/u1	99
69) Hexachlorobenzene	16.704	284	1345671	31.744	ng/u1	99
70) Atrazine	16.863	200	963806	29.250	ng/u1	99
71) Pentachlorophenol	17.051	266	824603	31.676	ng/u1	100
72) Phenanthrene	17.451	178	5640118	31.316	ng/u1	99
74) Anthracene	17.545	178	5546142	31.127	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1503376	28.777	ng/uL	99
76) Pentachlorobenzene	14.969	250	1476353	27.185	ng/uL	99
77) Carbazole	17.810	167	5155623	34.204	ng/u1	99
78) Di-n-butylphthalate	18.357	149	6089292	34.126	ng/u1	99
80) Fluoranthene	19.410	202	6833104	27.148	ng/u1	98
82) Pyrene	19.763	202	7011583	26.934	ng/u1	98
83) Butylbenzylphthalate	20.628	149	2514276	41.273	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.404	252	2509087	39.233	ng/u1	99
85) Benzo(a)anthracene	21.480	228	7143030	29.655	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	3786720	40.646	ng/u1	100
87) Chrysene	21.533	228	6647975	28.545	ng/u1	99
89) Di-n-octyl phthalate	22.363	149	6514796	32.175	ng/u1	100
90) Benzo(b)fluoranthene	23.239	252	7511424	28.608	ng/u1	99
91) Benzo(k)fluoranthene	23.292	252	7069701	26.974	ng/u1	99
93) Benzo(a)pyrene	23.904	252	6435704	29.808	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.657	276	7595137	36.462	ng/u1	99
95) Dibenzo(a,h)anthracene	26.674	278	6709029	35.495	ng/u1	99
96) Benzo(g,h,i)perylene	27.468	276	6383315	35.627	ng/u1	99

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

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