

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022992.D
 Acq On : 10 Nov 2024 08:51
 Operator : RC/JU
 Sample : PB164815BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS815

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 22:51:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 23:49:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	70676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	284689	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.204	164	245422	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.010	188	649156	20.000	ng/u1	-0.02
79) Chrysene-d12	21.451	240	779335	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	937926	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	8931	6.074	ng/uL	0.00
4) Pyridine-d5	3.552	84	129693	29.688	ng/u1	0.00
7) Phenol-d5	6.793	99	172093	32.935	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	95399	31.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	128340	33.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	140890	32.766	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	63366	31.972	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	77412	32.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	169771	34.310	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.487	131	170606	28.901	ng/u1	-0.01
46) Dimethylphthalate-d6	13.622	166	555157	31.386	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	594167	32.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	88593	33.328	ng/u1	-0.01
60) Fluorene-d10	15.216	176	492317	31.746	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.375	200	126429	32.511	ng/u1	0.00
73) Anthracene-d10	17.128	188	866347	31.520	ng/u1	0.00
81) Pyrene-d10	19.492	212	1157784	32.253	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.439	264	1513843	33.884	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	18414	10.839	ng/uL	98
5) Pyridine	3.570	79	130649	29.780	ng/u1	99
6) Benzaldehyde	6.764	77	45892	15.262	ng/u1	94
8) Phenol	6.816	94	177189	32.473	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.028	93	127830	31.176	ng/u1	97
12) 2-Chlorophenol	7.169	128	131936	33.207	ng/u1	99
13) 2-Methylphenol	8.040	108	132922	32.635	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.099	45	144772	31.189	ng/u1	95
16) Acetophenone	8.405	105	228075	31.565	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.387	70	118724	32.907	ng/u1	99
18) 4-Methylphenol	8.363	108	144773	32.180	ng/u1	97
19) Hexachloroethane	8.640	117	57433	29.889	ng/u1	96
22) Nitrobenzene	8.775	77	183509	32.269	ng/u1	97
23) Isophorone	9.293	82	328555	32.310	ng/u1	99
25) 2-Nitrophenol	9.475	139	82759	33.184	ng/u1	96
26) 2,4-Dimethylphenol	9.540	107	154521	28.693	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.763	93	180049	32.180	ng/u1	97
29) 2,4-Dichlorophenol	10.005	162	164555	33.574	ng/u1	98
30) Naphthalene	10.387	128	433963	31.377	ng/u1	98
32) 4-Chloroaniline	10.505	127	111187	19.441	ng/u1	96
33) Hexachlorobutadiene	10.663	225	135525	30.560	ng/u1	99
34) Caprolactam	11.299	113	48366m	33.177	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	183515	34.805	ng/u1	96
36) 2-Methylnaphthalene	11.999	142	337688	32.340	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.222	142	333967	31.287	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.375	216	255906	30.886	ng/ul	97
40) Hexachlorocyclopentadiene	12.346	237	118427	27.213	ng/ul	98
41) 2,4,6-Trichlorophenol	12.628	196	159922	31.698	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	183756	33.784	ng/ul	95
43) 1,1'-Biphenyl	13.022	154	495447	31.505	ng/ul	100
44) 2-Chloronaphthalene	13.069	162	407605	31.707	ng/ul	100
45) 2-Nitroaniline	13.298	65	127312	35.271	ng/ul	91
47) Dimethylphthalate	13.669	163	557468	31.957	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	117821	34.722	ng/ul	97
50) Acenaphthylene	13.928	152	608872	32.636	ng/ul	100
51) 3-Nitroaniline	14.128	138	98484	33.697	ng/ul	96
52) Acenaphthene	14.281	153	433754	32.024	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	80983	33.635	ng/ul	97
55) 4-Nitrophenol	14.475	109	110232	35.444	ng/ul	97
56) Dibenzofuran	14.628	168	673699	32.193	ng/ul	100
57) 2,4-Dinitrotoluene	14.610	165	184211	34.062	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.851	232	175309	32.974	ng/ul	98
59) Diethylphthalate	15.051	149	562940	32.629	ng/ul	100
61) Fluorene	15.275	166	557373	32.541	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.275	204	324174	32.143	ng/ul	97
63) 4-Nitroaniline	15.328	138	109266	40.178	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.387	198	133758	32.199	ng/ul#	97
67) N-Nitrosodiphenylamine	15.492	169	489172	32.611	ng/ul	98
68) 4-Bromophenyl-phenylether	16.187	248	237338	32.286	ng/ul	97
69) Hexachlorobenzene	16.304	284	293087	31.671	ng/ul	99
70) Atrazine	16.475	200	173669	23.951	ng/ul	98
71) Pentachlorophenol	16.663	266	169669	29.531	ng/ul	100
72) Phenanthrene	17.057	178	998338	32.572	ng/ul	99
74) Anthracene	17.163	178	987797	32.055	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	259626	30.292	ng/uL	98
76) Pentachlorobenzene	14.534	250	299087	30.561	ng/uL	98
77) Carbazole	17.451	167	893663	33.240	ng/ul	100
78) Di-n-butylphthalate	18.016	149	1012912	33.951	ng/ul	100
80) Fluoranthene	19.145	202	1358574	32.851	ng/ul	99
82) Pyrene	19.528	202	1439867	32.410	ng/ul	99
83) Butylbenzylphthalate	20.486	149	501651	34.296	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	576306	32.944	ng/ul	100
85) Benzo(a)anthracene	21.427	228	1568708	32.965	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	736298	35.423	ng/ul	98
87) Chrysene	21.498	228	1460426	32.616	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	1234994	32.456	ng/ul	100
90) Benzo(b)fluoranthene	23.645	252	1766278	33.834	ng/ul	99
91) Benzo(k)fluoranthene	23.721	252	1725123	33.568	ng/ul#	98
93) Benzo(a)pyrene	24.521	252	1568511	33.237	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.309	276	2135505m	32.479	ng/ul	
95) Dibenzo(a,h)anthracene	28.386	278	1709626	32.024	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	1642777m	32.895	ng/ul	

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

