

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023323.D
 Acq On : 26 Nov 2024 15:37
 Operator : RC/JU
 Sample : SSTD02057
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020637

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 23:33:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 26 23:16:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	88649	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	344754	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	274666	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	692931	20.000	ng/u1	0.00
79) Chrysene-d12	21.404	240	799543	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	881129	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17662	9.577	ng/uL	0.00
4) Pyridine-d5	3.546	84	117942	21.525	ng/u1	0.00
7) Phenol-d5	6.769	99	134446	20.513	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.910	67	87690	22.773	ng/u1	0.00
11) 2-Chlorophenol-d4	7.105	132	100638	20.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	109058	20.221	ng/u1	0.00
21) Nitrobenzene-d5	8.704	128	50996	21.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.410	143	58814	20.555	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	124760	20.821	ng/u1	0.00
31) 4-Chloroaniline-d4	10.451	131	136878	19.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	424849	21.461	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	438533	21.231	ng/u1	0.00
54) 4-Nitrophenol-d4	14.439	143	46389	15.593	ng/u1	0.00
60) Fluorene-d10	15.187	176	368366	21.224	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.334	200	81344	19.596	ng/u1	0.00
73) Anthracene-d10	17.075	188	630278	21.482	ng/u1	0.00
81) Pyrene-d10	19.463	212	818806	22.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	923223	21.996	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	20698	9.713	ng/uL	100
5) Pyridine	3.564	79	125068	22.728	ng/u1	100
6) Benzaldehyde	6.734	77	96888m	25.689	ng/u1	
8) Phenol	6.793	94	139591	20.396	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.999	93	111910	21.760	ng/u1	100
12) 2-Chlorophenol	7.140	128	102702	20.608	ng/u1	100
13) 2-Methylphenol	8.010	108	103944	20.346	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.069	45	141033	24.224	ng/u1	100
16) Acetophenone	8.375	105	186728	20.603	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.352	70	101956	22.530	ng/u1	100
18) 4-Methylphenol	8.334	108	114031	20.208	ng/u1	100
19) Hexachloroethane	8.599	117	50449	20.932	ng/u1	100
22) Nitrobenzene	8.746	77	157435	22.861	ng/u1	100
23) Isophorone	9.257	82	271609	22.057	ng/u1	100
25) 2-Nitrophenol	9.446	139	61857	20.482	ng/u1	100
26) 2,4-Dimethylphenol	9.510	107	137053	21.015	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.722	93	154399	22.788	ng/u1	100
29) 2,4-Dichlorophenol	9.981	162	124283	20.940	ng/u1	100
30) Naphthalene	10.351	128	345753	20.643	ng/u1	100
32) 4-Chloroaniline	10.481	127	129759	18.736	ng/u1	100
33) Hexachlorobutadiene	10.622	225	106756	19.878	ng/u1	100
34) Caprolactam	11.275	113	36455m	20.650	ng/u1	
35) 4-Chloro-3-methylphenol	11.622	107	134912	21.129	ng/u1	100
36) 2-Methylnaphthalene	11.969	142	259932	20.557	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	266891	20.647	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.345	216	191268	20.627	ng/ul	100
40) Hexachlorocyclopentadiene	12.304	237	85512	17.557	ng/ul	100
41) 2,4,6-Trichlorophenol	12.598	196	115861	20.519	ng/ul	100
42) 2,4,5-Trichlorophenol	12.687	196	122831	20.179	ng/ul	100
43) 1,1'-Biphenyl	12.987	154	374953	21.304	ng/ul	100
44) 2-Chloronaphthalene	13.034	162	307504	21.374	ng/ul	100
45) 2-Nitroaniline	13.263	65	91585	22.671	ng/ul	100
47) Dimethylphthalate	13.622	163	410334	21.018	ng/ul	100
48) 2,6-Dinitrotoluene	13.769	165	80174	21.112	ng/ul	100
50) Acenaphthylene	13.881	152	449853	21.545	ng/ul	100
51) 3-Nitroaniline	14.116	138	70898	21.676	ng/ul	100
52) Acenaphthene	14.228	153	328970	21.702	ng/ul	100
53) 2,4-Dinitrophenol	14.339	184	43824	16.264	ng/ul	100
55) 4-Nitrophenol	14.463	109	74690	21.459	ng/ul	100
56) Dibenzofuran	14.575	168	495221	21.145	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	131113	21.663	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.828	232	123605	20.773	ng/ul	100
59) Diethylphthalate	15.010	149	416803	21.587	ng/ul	100
61) Fluorene	15.239	166	401902	20.966	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.228	204	229874	20.366	ng/ul	100
63) 4-Nitroaniline	15.287	138	68074	22.366	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.351	198	88124	19.874	ng/ul	100
67) N-Nitrosodiphenylamine	15.457	169	347219	21.685	ng/ul	100
68) 4-Bromophenyl-phenylether	16.139	248	159365	20.310	ng/ul	100
69) Hexachlorobenzene	16.263	284	195482	19.789	ng/ul	100
70) Atrazine	16.433	200	160378	20.721	ng/ul	100
71) Pentachlorophenol	16.639	266	115526	18.837	ng/ul	100
72) Phenanthrene	17.022	178	704054	21.520	ng/ul	100
74) Anthracene	17.110	178	717714	21.819	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	190411	20.813	ng/uL	100
76) Pentachlorobenzene	14.498	250	213283	20.417	ng/uL	100
77) Carbazole	17.410	167	600432	20.922	ng/ul	100
78) Di-n-butylphthalate	17.980	149	727580	22.847	ng/ul	100
80) Fluoranthene	19.116	202	922113	21.734	ng/ul	100
82) Pyrene	19.498	202	979882	21.499	ng/ul	100
83) Butylbenzylphthalate	20.445	149	350753	23.374	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.310	252	367845	20.496	ng/ul	100
85) Benzo(a)anthracene	21.386	228	1032959	21.158	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	507801	23.813	ng/ul	100
87) Chrysene	21.451	228	981424	21.364	ng/ul	100
89) Di-n-octyl phthalate	22.521	149	884782	24.751	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	1094306	22.313	ng/ul	100
91) Benzo(k)fluoranthene	23.657	252	1075018	22.266	ng/ul	100
93) Benzo(a)pyrene	24.445	252	988761	22.302	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.203	276	1271006	20.577	ng/ul	100
95) Dibenzo(a,h)anthracene	28.280	278	1003270m	20.004	ng/ul	
96) Benzo(g,h,i)perylene	29.350	276	953602m	20.326	ng/ul	

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

