

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
 Data File : BP024019.D
 Acq On : 10 Feb 2025 19:54
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020655

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 12 14:59:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	413622	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.534	136	1740525	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.375	164	1066164	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.175	188	2039030	20.000	ng/u1	-0.01
79) Chrysene-d12	21.604	240	2054630	20.000	ng/u1	-0.04
88) Perylene-d12	24.957	264	2018534	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	84961	8.534	ng/uL	0.00
4) Pyridine-d5	3.699	84	618719	21.539	ng/u1	0.00
7) Phenol-d5	6.946	99	768682	21.000	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.099	67	429902	22.188	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	610705	21.246	ng/u1	-0.01
15) 4-Methylphenol-d8	8.469	113	609643	20.388	ng/u1	0.00
21) Nitrobenzene-d5	8.910	128	297439	21.360	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	305430	20.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	585609	21.245	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	869605	21.095	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1580990	19.880	ng/u1	-0.01
49) Acenaphthylene-d8	14.069	160	1960792	21.861	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.598	143	284647	18.023	ng/u1	-0.01
60) Fluorene-d10	15.387	176	1428737	21.334	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	209535	16.657	ng/u1	0.00
73) Anthracene-d10	17.269	188	2220976	22.184	ng/u1	-0.02
81) Pyrene-d10	19.639	212	2384821	21.662	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.715	264	2298722	21.827	ng/u1	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	89474	8.547	ng/uL	99
5) Pyridine	3.717	79	633732	22.036	ng/u1	99
6) Benzaldehyde	6.916	77	478780	26.650	ng/u1	99
8) Phenol	6.975	94	811307	21.585	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.193	93	614891	21.491	ng/u1	99
12) 2-Chlorophenol	7.340	128	639465	21.594	ng/u1	97
13) 2-Methylphenol	8.205	108	578921	20.470	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.275	45	641857	21.744	ng/u1	99
16) Acetophenone	8.575	105	983119	21.507	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.563	70	451733	20.986	ng/u1	99
18) 4-Methylphenol	8.528	108	661197	21.072	ng/u1	98
19) Hexachloroethane	8.834	117	249147	21.277	ng/u1	96
22) Nitrobenzene	8.952	77	697404	23.077	ng/u1	98
23) Isophorone	9.469	82	1221654	20.021	ng/u1	97
25) 2-Nitrophenol	9.657	139	345659	21.091	ng/u1	97
26) 2,4-Dimethylphenol	9.722	107	658178	21.698	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.946	93	797068	20.971	ng/u1	99
29) 2,4-Dichlorophenol	10.193	162	599254	21.438	ng/u1	99
30) Naphthalene	10.587	128	2051229	22.017	ng/u1	100
32) 4-Chloroaniline	10.693	127	834340	21.446	ng/u1	99
33) Hexachlorobutadiene	10.875	225	353446	20.886	ng/u1	99
34) Caprolactam	11.463	113	186008	17.176	ng/u1	93
35) 4-Chloro-3-methylphenol	11.822	107	604779	20.127	ng/u1	98
36) 2-Methylnaphthalene	12.193	142	1378135	21.038	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1369114	21.068	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	699872	22.205	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	359686	20.252	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	437566	20.783	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	480072	21.155	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	1754552	22.170	ng/ul	100
44) 2-Chloronaphthalene	13.246	162	1393919	22.605	ng/ul	99
45) 2-Nitroaniline	13.451	65	355069	22.124	ng/ul	92
47) Dimethylphthalate	13.834	163	1594163	20.147	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	310452	20.077	ng/ul	96
50) Acenaphthylene	14.098	152	2101629	22.002	ng/ul	100
51) 3-Nitroaniline	14.287	138	353806	20.819	ng/ul	97
52) Acenaphthene	14.440	153	1489505	21.994	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	172213	18.681	ng/ul	96
55) 4-Nitrophenol	14.616	109	225035	20.140	ng/ul	96
56) Dibenzofuran	14.787	168	2048417	21.829	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	468465	20.368	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.016	232	382157	19.790	ng/ul	92
59) Diethylphthalate	15.216	149	1575634	19.875	ng/ul	99
61) Fluorene	15.440	166	1703428	21.882	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	817808	21.222	ng/ul	100
63) 4-Nitroaniline	15.463	138	384800	23.273	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.516	198	230492	16.666	ng/ul	95
67) N-Nitrosodiphenylamine	15.657	169	1392270	22.373	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	486034	21.128	ng/ul	97
69) Hexachlorobenzene	16.469	284	562119	20.167	ng/ul	99
70) Atrazine	16.628	200	480374	19.934	ng/ul	99
71) Pentachlorophenol	16.822	266	312424	18.223	ng/ul	99
72) Phenanthrene	17.216	178	2590158	22.494	ng/ul	100
74) Anthracene	17.304	178	2626446	22.617	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.169	216	684156	22.913	ng/ul	99
76) Pentachlorobenzene	14.704	250	711574	22.114	ng/ul	99
77) Carbazole	17.586	167	2336138	22.963	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2549880	20.251	ng/ul	100
80) Fluoranthene	19.292	202	2801836	22.095	ng/ul	99
82) Pyrene	19.669	202	3058465	23.064	ng/ul	99
83) Butylbenzylphthalate	20.622	149	1086793	19.031	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	828152	18.630	ng/ul	99
85) Benzo(a)anthracene	21.580	228	2885894	21.360	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.522	149	1577654	18.934	ng/ul	98
87) Chrysene	21.651	228	2760677	22.176	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	2328566	19.244	ng/ul	100
90) Benzo(b)fluoranthene	23.880	252	2747834	22.435	ng/ul	100
91) Benzo(k)fluoranthene	23.957	252	2777653	22.622	ng/ul	100
93) Benzo(a)pyrene	24.792	252	2519825	22.030	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.756	276	2957771m	19.950	ng/ul	
95) Dibenzo(a,h)anthracene	28.833	278	2359565	19.619	ng/ul	99
96) Benzo(g,h,i)perylene	29.915	276	2267832	19.970	ng/ul	100

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

