

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020525\
 Data File : BP023929.D
 Acq On : 05 Feb 2025 09:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020795

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 05 11:10:17 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	7.769	152	416548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.546	136	1795452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1107015	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	2148833	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	2211704	20.000	ng/u1	-0.01
88) Perylene-d12	24.992	264	2181980	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	90269	9.004	ng/uL	0.00
4) Pyridine-d5	3.705	84	657932	22.743	ng/u1	0.00
7) Phenol-d5	6.952	99	794478	21.552	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	440916	22.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	636515	21.988	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	624264	20.731	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	311071	21.655	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	320135	20.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	607971	21.381	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	895226	21.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1693956	20.515	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	2043111	21.938	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	317640	19.370	ng/u1	-0.01
60) Fluorene-d10	15.392	176	1490011	21.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	232092	17.508	ng/u1	0.00
73) Anthracene-d10	17.286	188	2382844	22.585	ng/u1	0.00
81) Pyrene-d10	19.657	212	2577692	21.751	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	2498393	21.945	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	91674	8.695	ng/uL	99
5) Pyridine	3.722	79	668137	23.069	ng/u1	99
6) Benzaldehyde	6.922	77	494609	27.338	ng/u1	99
8) Phenol	6.981	94	840525	22.206	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.199	93	638126	22.146	ng/u1	99
12) 2-Chlorophenol	7.346	128	662585	22.217	ng/u1	98
13) 2-Methylphenol	8.216	108	602464	21.153	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	675881	22.736	ng/u1	99
16) Acetophenone	8.587	105	1026760	22.304	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.569	70	467058	21.546	ng/u1	97
18) 4-Methylphenol	8.540	108	679956	21.518	ng/u1	100
19) Hexachloroethane	8.846	117	264037	22.390	ng/u1	100
22) Nitrobenzene	8.957	77	720440	23.110	ng/u1	96
23) Isophorone	9.481	82	1290480	20.502	ng/u1	97
25) 2-Nitrophenol	9.657	139	360696	21.335	ng/u1	95
26) 2,4-Dimethylphenol	9.728	107	686417	21.936	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.951	93	826111	21.070	ng/u1	99
29) 2,4-Dichlorophenol	10.198	162	620475	21.518	ng/u1	98
30) Naphthalene	10.593	128	2138520	22.252	ng/u1	100
32) 4-Chloroaniline	10.698	127	860559	21.443	ng/u1	100
33) Hexachlorobutadiene	10.881	225	375041	21.484	ng/u1	100
34) Caprolactam	11.475	113	194031	17.369	ng/u1	94
35) 4-Chloro-3-methylphenol	11.834	107	632455	20.404	ng/u1	99
36) 2-Methylnaphthalene	12.204	142	1438236	21.284	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.422	142	1438915	21.465	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	729353	22.286	ng/ul	98
40) Hexachlorocyclopentadiene	12.551	237	297097	16.110	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	458986	20.996	ng/ul	98
42) 2,4,5-Trichlorophenol	12.887	196	508968	21.601	ng/ul	98
43) 1,1'-Biphenyl	13.216	154	1855415	22.579	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1448517	22.623	ng/ul	99
45) 2-Nitroaniline	13.457	65	365998	21.963	ng/ul	94
47) Dimethylphthalate	13.839	163	1697183	20.658	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	329435	20.518	ng/ul	92
50) Acenaphthylene	14.110	152	2225460	22.439	ng/ul	100
51) 3-Nitroaniline	14.287	138	377778	21.410	ng/ul	96
52) Acenaphthene	14.457	153	1566046	22.271	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	128675	13.443	ng/ul	98
55) 4-Nitrophenol	14.610	109	248764	21.443	ng/ul	95
56) Dibenzofuran	14.798	168	2152032	22.086	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	488628	20.460	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.022	232	399481	19.924	ng/ul	93
59) Diethylphthalate	15.222	149	1688288	20.511	ng/ul	100
61) Fluorene	15.451	166	1818256	22.495	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	869574	21.732	ng/ul	97
63) 4-Nitroaniline	15.469	138	406230	23.663	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.522	198	262048	17.980	ng/ul	95
67) N-Nitrosodiphenylamine	15.663	169	1456665	22.212	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	505470	20.850	ng/ul	96
69) Hexachlorobenzene	16.481	284	620581	21.127	ng/ul	99
70) Atrazine	16.633	200	512102	20.165	ng/ul	98
71) Pentachlorophenol	16.833	266	340393	18.839	ng/ul	100
72) Phenanthrene	17.228	178	2752540	22.683	ng/ul	100
74) Anthracene	17.322	178	2803367	22.907	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	716534	22.771	ng/ul	99
76) Pentachlorobenzene	14.716	250	747265	22.037	ng/ul	99
77) Carbazole	17.604	167	2551102	23.795	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2741723	20.662	ng/ul	99
80) Fluoranthene	19.316	202	3043761	22.298	ng/ul	99
82) Pyrene	19.686	202	3332553	23.346	ng/ul	98
83) Butylbenzylphthalate	20.633	149	1215525	19.774	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.521	252	943347	19.714	ng/ul	99
85) Benzo(a)anthracene	21.604	228	3151036	21.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	1764413	19.672	ng/ul	98
87) Chrysene	21.674	228	3003678	22.414	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	2698911	20.634	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	2975953	22.477	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	3004949	22.640	ng/ul	100
93) Benzo(a)pyrene	24.827	252	2750573	22.246	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.803	276	3410400m	21.280	ng/ul	
95) Dibenzo(a,h)anthracene	28.898	278	2750762	21.159	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	2623682	21.373	ng/ul	99

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

