

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032025\
 Data File : BG064112.D
 Acq On : 20 Mar 2025 9:05
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020592

Quant Time: Mar 20 15:31:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:37:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	31194	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	147248	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.483	164	104258	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	242146	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	234480	20.000	ng/u1	0.00
88) Perylene-d12	24.471	264	251791	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	6834	8.771	ng/uL	0.00
4) Pyridine-d5	3.736	84	50071	22.369	ng/u1	0.00
7) Phenol-d5	7.021	99	60081	21.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.191	67	38332	21.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.391	132	46908	20.826	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	53685	22.422	ng/u1	0.00
21) Nitrobenzene-d5	9.013	128	22173	20.077	ng/u1	0.00
24) 2-Nitrophenol-d4	9.729	143	21670	18.683	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	51864	22.175	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	73064	22.280	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	178727	21.843	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	207403	22.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.671	143	27539	20.031	ng/u1	0.00
60) Fluorene-d10	15.476	176	155302	22.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	20814	15.939	ng/u1	0.00
73) Anthracene-d10	17.326	188	256211	21.100	ng/u1	0.00
81) Pyrene-d10	19.612	212	288106	22.271	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.259	264	287191	21.885	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	6910	7.830	ng/uL	91
5) Pyridine	3.754	79	52692	22.705	ng/u1	99
6) Benzaldehyde	6.997	77	41569	25.052	ng/u1	98
8) Phenol	7.050	94	63944	21.722	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.285	93	49091	22.061	ng/u1	89
12) 2-Chlorophenol	7.426	128	49420	21.652	ng/u1	95
13) 2-Methylphenol	8.296	108	51342	22.484	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.378	45	114417	21.941	ng/u1	99
16) Acetophenone	8.672	105	86672	22.238	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.666	70	45421	21.878	ng/u1#	95
18) 4-Methylphenol	8.625	108	58330	23.042	ng/u1	97
19) Hexachloroethane	8.942	117	21425	21.518	ng/u1	93
22) Nitrobenzene	9.054	77	61334	20.592	ng/u1#	88
23) Isophorone	9.577	82	123540	21.467	ng/u1	95
25) 2-Nitrophenol	9.765	139	24592	19.907	ng/u1#	77
26) 2,4-Dimethylphenol	9.823	107	62132	22.258	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.059	93	69836	21.528	ng/u1	98
29) 2,4-Dichlorophenol	10.294	162	49166	21.617	ng/u1	98
30) Naphthalene	10.699	128	174640	21.806	ng/u1	97
32) 4-Chloroaniline	10.799	127	70864	22.371	ng/u1	99
33) Hexachlorobutadiene	10.993	225	36447	20.932	ng/u1	86
34) Caprolactam	11.551	113	19006m	21.695	ng/u1	
35) 4-Chloro-3-methylphenol	11.927	107	61806	21.622	ng/u1	98
36) 2-Methylnaphthalene	12.309	142	133589	23.086	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	130700	22.233	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.673	216	68926	21.906	ng/ul	97
40) Hexachlorocyclopentadiene	12.661	237	36460	20.801	ng/ul	92
41) 2,4,6-Trichlorophenol	12.914	196	42644	21.442	ng/ul	92
42) 2,4,5-Trichlorophenol	12.984	196	46924	21.782	ng/ul	96
43) 1,1'-Biphenyl	13.319	154	175877	22.023	ng/ul	97
44) 2-Chloronaphthalene	13.361	162	133149	22.150	ng/ul	99
45) 2-Nitroaniline	13.560	65	44218	21.639	ng/ul	98
47) Dimethylphthalate	13.942	163	171256	22.146	ng/ul#	98
48) 2,6-Dinitrotoluene	14.054	165	30686	21.150	ng/ul#	97
50) Acenaphthylene	14.207	152	209373	22.402	ng/ul	99
51) 3-Nitroaniline	14.377	138	32234	22.003	ng/ul#	89
52) Acenaphthene	14.547	153	156095	22.684	ng/ul	96
53) 2,4-Dinitrophenol	14.589	184	10909	14.840	ng/ul#	71
55) 4-Nitrophenol	14.688	109	32663	20.946	ng/ul	97
56) Dibenzofuran	14.882	168	214538	22.305	ng/ul	97
57) 2,4-Dinitrotoluene	14.841	165	48042	21.564	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.106	232	42516	21.803	ng/ul#	99
59) Diethylphthalate	15.311	149	184115	22.123	ng/ul	98
61) Fluorene	15.534	166	178396	22.704	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.529	204	87917	22.558	ng/ul	98
63) 4-Nitroaniline	15.546	138	34905	22.797	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.605	198	23351	16.708	ng/ul	99
67) N-Nitrosodiphenylamine	15.740	169	154051	21.734	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	56909	21.461	ng/ul	98
69) Hexachlorobenzene	16.533	284	64155	21.637	ng/ul	98
70) Atrazine	16.692	200	62899	22.318	ng/ul	98
71) Pentachlorophenol	16.880	266	33539	18.902	ng/ul	91
72) Phenanthrene	17.268	178	293655	21.697	ng/ul	99
74) Anthracene	17.356	178	301215	21.742	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.284	216	72229	21.464	ng/ul	96
76) Pentachlorobenzene	14.806	250	75854	21.581	ng/ul	92
77) Carbazole	17.626	167	262147	21.819	ng/ul	98
78) Di-n-butylphthalate	18.196	149	316362	20.591	ng/ul	99
80) Fluoranthene	19.277	202	339468	22.149	ng/ul	98
82) Pyrene	19.641	202	358496	22.057	ng/ul#	96
83) Butylbenzylphthalate	20.540	149	132233	20.431	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	112974	24.423	ng/ul	97
85) Benzo(a)anthracene	21.439	228	353387	21.751	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	206175	21.233	ng/ul	99
87) Chrysene	21.498	228	339914	22.006	ng/ul	99
89) Di-n-octyl phthalate	22.514	149	344670	20.896	ng/ul	100
90) Benzo(b)fluoranthene	23.519	252	329387	21.176	ng/ul	97
91) Benzo(k)fluoranthene	23.578	252	337560	21.275	ng/ul	99
93) Benzo(a)pyrene	24.330	252	318555	21.692	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.861	276	391877	21.319	ng/ul	99
95) Dibenzo(a,h)anthracene	27.920	278	326670m	22.310	ng/ul	
96) Benzo(g,h,i)perylene	28.919	276	298332	20.932	ng/ul	96

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

