

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
 Data File : BG064024.D
 Acq On : 14 Feb 2025 8:51
 Operator : RC/JU
 Sample : SSTD00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005447

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/18/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 18 14:37:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 12:34:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	33118	20.000	ng/u1	0.00
20) Naphthalene-d8	10.653	136	151370	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.489	164	102209	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	239733	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	287466	20.000	ng/u1	0.00
88) Perylene-d12	24.483	264	302041	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1842	1.915	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.398	132	9105	4.306	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.007	128	2943	3.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.730	143	2800	3.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.265	165	8354	3.849	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.896	166	33856	4.397	ng/u1	0.00
49) Acenaphthylene-d8	14.184	160	42023	4.685	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.482	176	33074	4.733	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.327	188	56846	4.845	ng/u1	0.00
81) Pyrene-d10	19.613	212	69235	4.575	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.278	264	69062	4.515	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.373	88	2289	2.146	ng/uL	95
12) 2-Chlorophenol	7.433	128	9833	4.382	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.661	70	10348	4.697	ng/u1#	90
19) Hexachloroethane	8.943	117	4348	4.669	ng/u1	96
22) Nitrobenzene	9.054	77	11039	4.066	ng/u1#	88
23) Isophorone	9.577	82	28786	4.662	ng/u1#	95
25) 2-Nitrophenol	9.765	139	2633	3.167	ng/u1	94
26) 2,4-Dimethylphenol	9.818	107	11866	4.424	ng/u1#	86
27) Bis(2-Chloroethoxy)met...	10.065	93	17709	4.951	ng/u1	96
29) 2,4-Dichlorophenol	10.294	162	8297	4.049	ng/u1	92
30) Naphthalene	10.700	128	42195	5.044	ng/u1#	95
33) Hexachlorobutadiene	10.993	225	8542	5.035	ng/u1#	88
35) 4-Chloro-3-methylphenol	11.922	107	11169	4.129	ng/u1	94
36) 2-Methylnaphthalene	12.315	142	28712	4.771	ng/u1	90
37) 1-Methylnaphthalene	12.533	142	29527	4.825	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	15652	5.025	ng/u1	86
41) 2,4,6-Trichlorophenol	12.915	196	6183	3.764	ng/u1#	88
42) 2,4,5-Trichlorophenol	12.979	196	7337m	3.986	ng/u1	
43) 1,1'-Biphenyl	13.326	154	41057	5.157	ng/u1	98
44) 2-Chloronaphthalene	13.361	162	29701	5.003	ng/u1	95
45) 2-Nitroaniline	13.555	65	5572	3.576	ng/u1	87
47) Dimethylphthalate	13.943	163	34501	4.579	ng/u1	99
48) 2,6-Dinitrotoluene	14.054	165	4164	3.683	ng/u1#	78
50) Acenaphthylene	14.207	152	45828	4.948	ng/u1	98

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52) Acenaphthene	14.548	153	34966	5.127	ng/ul	95
56) Dibenzofuran	14.889	168	48066	5.041	ng/ul	94
57) 2,4-Dinitrotoluene	14.842	165	5176	3.117	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.112	232	5596	3.592	ng/ul#	88
59) Diethylphthalate	15.312	149	32216	4.175	ng/ul	100
61) Fluorene	15.535	166	38637	5.012	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.535	204	19816	5.132	ng/ul	93
67) N-Nitrosodiphenylamine	15.741	169	32118	4.774	ng/ul#	92
68) 4-Bromophenyl-phenylether	16.428	248	12651	4.999	ng/ul	97
69) Hexachlorobenzene	16.540	284	14059	4.885	ng/ul	99
72) Phenanthrene	17.268	178	67708	5.077	ng/ul	99
74) Anthracene	17.362	178	67353	4.974	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.285	216	15768	4.933	ng/ul	90
76) Pentachlorobenzene	14.807	250	16425	4.768	ng/ul#	86
78) Di-n-butylphthalate	18.208	149	53636	4.104	ng/ul	99
80) Fluoranthene	19.284	202	78013	4.563	ng/ul	98
82) Pyrene	19.642	202	89133	4.748	ng/ul	96
83) Butylbenzylphthalate	20.547	149	19002	3.616	ng/ul#	97
85) Benzo(a)anthracene	21.446	228	91520	4.786	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.381	149	32434	3.755	ng/ul	96
87) Chrysene	21.505	228	93423	4.931	ng/ul	97
90) Benzo(b)fluoranthene	23.526	252	81296	4.556	ng/ul	99
91) Benzo(k)fluoranthene	23.590	252	87345	4.640	ng/ul	95
93) Benzo(a)pyrene	24.342	252	77830	4.541	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.874	276	94430m	4.573	ng/ul	
95) Dibenzo(a,h)anthracene	27.938	278	74700m	4.468	ng/ul	
96) Benzo(g,h,i)perylene	28.937	276	75490m	4.633	ng/ul	

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

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