

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
 Data File : BG064104.D
 Acq On : 14 Mar 2025 10:33
 Operator : RC/JU
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005405

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 03/14/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 14 13:38:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 13:20:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	32001	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	147161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	105659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	239187	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	249581	20.000	ng/u1	0.00
88) Perylene-d12	24.465	264	265023	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	1370	1.509	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	7.391	132	10935	5.113	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.013	128	5092	5.546	ng/u1	0.00
24) 2-Nitrophenol-d4	9.735	143	4712	5.605	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	10285	4.729	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.889	166	40163	5.036	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	44927	4.867	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.476	176	35924	5.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.321	188	59417m	5.047	ng/u1	0.00
81) Pyrene-d10	19.606	212	66169	4.988	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.254	264	64916	4.827	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	1876	1.864	ng/uL#	79
12) 2-Chlorophenol	7.426	128	10719	4.811	ng/u1#	94
17) N-Nitroso-di-n-propyla...	8.654	70	10441	4.781	ng/u1#	90
19) Hexachloroethane	8.942	117	5123	5.421	ng/u1	93
22) Nitrobenzene	9.054	77	13782	5.084	ng/u1#	92
23) Isophorone	9.571	82	27763	4.640	ng/u1	98
25) 2-Nitrophenol	9.765	139	5225	5.745	ng/u1	97
26) 2,4-Dimethylphenol	9.823	107	12994	4.872	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.064	93	15434	4.486	ng/u1	100
29) 2,4-Dichlorophenol	10.293	162	11034	5.374	ng/u1	90
30) Naphthalene	10.699	128	38905	4.769	ng/u1	95
33) Hexachlorobutadiene	10.993	225	8414	5.043	ng/u1	96
35) 4-Chloro-3-methylphenol	11.927	107	13498	5.011	ng/u1#	95
36) 2-Methylnaphthalene	12.303	142	28995	4.948	ng/u1	96
37) 1-Methylnaphthalene	12.526	142	30587	5.144	ng/u1	91
39) 1,2,4,5-Tetrachloroben...	12.679	216	15839	4.961	ng/u1#	90
41) 2,4,6-Trichlorophenol	12.914	196	9445	5.418	ng/u1	92
42) 2,4,5-Trichlorophenol	12.984	196	10607	5.408	ng/u1	98
43) 1,1'-Biphenyl	13.319	154	40610	4.971	ng/u1	96
44) 2-Chloronaphthalene	13.355	162	30194	4.929	ng/u1	96
45) 2-Nitroaniline	13.554	65	8190	4.768	ng/u1#	89
47) Dimethylphthalate	13.936	163	37578	4.835	ng/u1	99
48) 2,6-Dinitrotoluene	14.048	165	5812	4.702	ng/u1#	89
50) Acenaphthylene	14.201	152	46330	4.873	ng/u1	98

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52) Acenaphthene	14.547	153	34943	4.973	ng/ul	91
56) Dibenzofuran	14.882	168	47595	4.837	ng/ul	99
57) 2,4-Dinitrotoluene	14.841	165	9615	5.224	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.105	232	8972	5.326	ng/ul#	91
59) Diethylphthalate	15.305	149	41167	5.126	ng/ul	96
61) Fluorene	15.528	166	40174	5.057	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	20432	5.133	ng/ul	93
67) N-Nitrosodiphenylamine	15.740	169	34272	5.069	ng/ul	92
68) 4-Bromophenyl-phenylether	16.422	248	12960	5.071	ng/ul	96
69) Hexachlorobenzene	16.533	284	14360	4.940	ng/ul	94
72) Phenanthrene	17.268	178	66227	4.951	ng/ul	99
74) Anthracene	17.356	178	68105	5.008	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.284	216	15677	4.870	ng/ul	92
76) Pentachlorobenzene	14.800	250	16964	4.941	ng/ul#	89
78) Di-n-butylphthalate	18.196	149	75835	5.655	ng/ul	97
80) Fluoranthene	19.277	202	81014	5.352	ng/ul	98
82) Pyrene	19.635	202	85367	5.169	ng/ul#	95
83) Butylbenzylphthalate	20.534	149	32455	6.410	ng/ul	94
85) Benzo(a)anthracene	21.433	228	86427m	5.174	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.369	149	50646	6.272	ng/ul	99
87) Chrysene	21.498	228	83820	5.126	ng/ul	95
90) Benzo(b)fluoranthene	23.513	252	78998m	5.059	ng/ul	
91) Benzo(k)fluoranthene	23.572	252	84134	5.083	ng/ul	99
93) Benzo(a)pyrene	24.318	252	74888	4.982	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.843	276	93416m	5.089	ng/ul	
95) Dibenzo(a,h)anthracene	27.908	278	72025	4.871	ng/ul	94
96) Benzo(g,h,i)perylene	28.895	276	73305m	5.055	ng/ul	

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

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