

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
 Data File : BG051415.D
 Acq On : 8 Dec 2021 20:26
 Operator : CG/JU
 Sample : SSTD08032
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080432

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :Yogesh Patel 12/16/2021

Quant Time: Dec 09 02:18:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 02:14:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	22035	20.000	ng/u1	0.00
20) Naphthalene-d8	11.015	136	97299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	64295	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.572	188	143854	20.000	ng/u1	0.00
79) Chrysene-d12	21.879	240	123099	20.000	ng/u1	0.00
88) Perylene-d12	25.281	264	122571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	24741	39.018	ng/uL	0.00
4) Pyridine-d5	3.959	84	176966	95.109	ng/u1	0.00
7) Phenol-d5	7.360	99	203158	93.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	131020	95.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.725	132	149105	95.079	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	160716	91.450	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	79745	97.091	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	90745	97.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	149913	95.365	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	212950	92.581	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	443655	89.679	ng/u1	0.00
49) Acenaphthylene-d8	14.523	160	557397	89.352	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	75601	94.410	ng/u1	0.00
60) Fluorene-d10	15.815	176	392130	88.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	85658	96.497	ng/u1	0.00
73) Anthracene-d10	17.678	188	607098	88.241	ng/u1	0.00
81) Pyrene-d10	19.957	212	695403	93.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.051	264	613653	93.743	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	26463	37.005	ng/uL	99
5) Pyridine	3.982	79	183770	94.916	ng/u1	97
6) Benzaldehyde	7.325	77	90936	65.567	ng/u1	93
8) Phenol	7.384	94	209126	92.695	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.601	93	158919	93.109	ng/u1	98
12) 2-Chlorophenol	7.754	128	149576	93.597	ng/u1	98
13) 2-Methylphenol	8.641	108	156546	93.156	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.706	45	236601	96.062	ng/u1	96
16) Acetophenone	9.023	105	238595	87.773	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.006	70	142216	91.043	ng/u1	98
18) 4-Methylphenol	8.982	108	161544	89.899	ng/u1	94
19) Hexachloroethane	9.270	117	63172	93.588	ng/u1	99
22) Nitrobenzene	9.417	77	209287	97.177	ng/u1	96
23) Isophorone	9.940	82	396123	94.672	ng/u1	98
25) 2-Nitrophenol	10.128	139	91082	94.909	ng/u1	98
26) 2,4-Dimethylphenol	10.181	107	186948	95.281	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.404	93	220389	95.411	ng/u1	98
29) 2,4-Dichlorophenol	10.674	162	143213	92.549	ng/u1	95
30) Naphthalene	11.068	128	476543	90.012	ng/u1	98
32) 4-Chloroaniline	11.185	127	210669	91.232	ng/u1	98
33) Hexachlorobutadiene	11.326	225	95627	89.593	ng/u1	99
34) Caprolactam	11.973	113	57988m	95.321	ng/u1	
35) 4-Chloro-3-methylphenol	12.308	107	173976	93.593	ng/u1	98
36) 2-Methylnaphthalene	12.660	142	320977	89.134	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.877	142	325614	87.889	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.024	216	183729	91.023	ng/ul	96
40) Hexachlorocyclopentadiene	12.989	237	89789	110.054	ng/ul	98
41) 2,4,6-Trichlorophenol	13.271	196	123324	97.361	ng/ul	99
42) 2,4,5-Trichlorophenol	13.359	196	127633	96.222	ng/ul	99
43) 1,1'-Biphenyl	13.659	154	426111	88.733	ng/ul	98
44) 2-Chloronaphthalene	13.712	162	334982	87.692	ng/ul	99
45) 2-Nitroaniline	13.923	65	133614	101.064	ng/ul	95
47) Dimethylphthalate	14.270	163	435704	87.010	ng/ul	100
48) 2,6-Dinitrotoluene	14.411	165	99783	94.865	ng/ul	96
50) Acenaphthylene	14.552	152	535703	86.919	ng/ul	99
51) 3-Nitroaniline	14.746	138	87120	83.792	ng/ul	93
52) Acenaphthene	14.887	153	363979	89.547	ng/ul	96
53) 2,4-Dinitrophenol	14.969	184	54378	93.529	ng/ul	90
55) 4-Nitrophenol	15.075	109	67850	97.673	ng/ul	95
56) Dibenzofuran	15.222	168	498405	85.011	ng/ul	95
57) 2,4-Dinitrotoluene	15.204	165	139350	92.756	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.457	232	104093	99.934	ng/ul	97
59) Diethylphthalate	15.621	149	473963	90.172	ng/ul	99
61) Fluorene	15.874	166	404641	86.164	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.850	204	214500	84.755	ng/ul	98
63) 4-Nitroaniline	15.915	138	73547	72.690	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.974	198	83291	97.293	ng/ul#	98
67) N-Nitrosodiphenylamine	16.074	169	369388	89.695	ng/ul	98
68) 4-Bromophenyl-phenylether	16.749	248	138337	89.726	ng/ul	94
69) Hexachlorobenzene	16.879	284	141798	90.196	ng/ul	97
70) Atrazine	17.020	200	162682	93.993	ng/ul	100
71) Pentachlorophenol	17.231	266	62345	89.497	ng/ul	97
72) Phenanthrene	17.619	178	706378	88.933	ng/ul	98
74) Anthracene	17.713	178	693450	87.908	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.630	216	194855	92.864	ng/uL	98
76) Pentachlorobenzene	15.145	250	172500	88.232	ng/uL	99
77) Carbazole	17.983	167	642149	92.741	ng/ul	97
78) Di-n-butylphthalate	18.506	149	818640	91.694	ng/ul	100
80) Fluoranthene	19.622	202	860149	94.022	ng/ul	98
82) Pyrene	19.987	202	811087	90.635	ng/ul	98
83) Butylbenzylphthalate	20.839	149	366801	98.593	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.761	252	244899	85.448	ng/ul	99
85) Benzo(a)anthracene	21.861	228	768885	92.090	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.708	149	509759	95.219	ng/ul	100
87) Chrysene	21.932	228	733497	91.448	ng/ul	98
89) Di-n-octyl phthalate	22.972	149	858297	96.657	ng/ul	100
90) Benzo(b)fluoranthene	24.200	252	759610	91.830	ng/ul	98
91) Benzo(k)fluoranthene	24.270	252	712195	91.749	ng/ul	97
93) Benzo(a)pyrene	25.128	252	729819	92.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.229	276	826947	93.643	ng/ul	99
95) Dibenzo(a,h)anthracene	29.276	278	689734	92.065	ng/ul	98
96) Benzo(g,h,i)perylene	30.457	276	693149	93.292	ng/ul	97

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

