

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049498.D
 Acq On : 27 Jul 2021 5:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020461

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:29:25 AM

Quant Time: Jul 27 06:04:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	25371	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	102193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.699	164	73095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	176387	20.000	ng/u1	0.00
79) Chrysene-d12	21.730	240	161209	20.000	ng/u1	# 0.00
88) Perylene-d12	25.008	264	162503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	3719	6.706	ng/uL	-0.01
4) Pyridine-d5	3.855	84	29573	18.566	ng/u1	0.00
7) Phenol-d5	7.203	99	42137	18.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	23294	18.323	ng/u1	0.00
11) 2-Chlorophenol-d4	7.573	132	32237	20.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	31750	18.765	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	14676	18.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	18361	19.942	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	35530	21.218	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	43563	18.667	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	110473	19.730	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	127353	19.583	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	19003	20.609	ng/u1	0.00
60) Fluorene-d10	15.691	176	98854	20.493	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	18916	17.306	ng/u1	0.00
73) Anthracene-d10	17.548	188	160294	19.553	ng/u1	0.00
81) Pyrene-d10	19.833	212	179487	21.774	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.779	264	181265	21.223	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	4444m	5.863	ng/uL	
5) Pyridine	3.878	79	29756	17.465	ng/u1	97
6) Benzaldehyde	7.179	77	30301	22.622	ng/u1	95
8) Phenol	7.226	94	44376	20.237	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.461	93	29242	19.357	ng/u1	93
12) 2-Chlorophenol	7.608	128	32951	21.271	ng/u1	95
13) 2-Methylphenol	8.489	108	35084	20.993	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.578	45	34072	19.246	ng/u1	98
16) Acetophenone	8.871	105	54804	20.125	ng/u1#	93
17) N-Nitroso-di-n-propyla...	8.854	70	28515	20.307	ng/u1#	92
18) 4-Methylphenol	8.818	108	35930	20.436	ng/u1	99
19) Hexachloroethane	9.136	117	14649	20.991	ng/u1	84
22) Nitrobenzene	9.259	77	48179	20.537	ng/u1	94
23) Isophorone	9.782	82	80809	20.557	ng/u1	98
25) 2-Nitrophenol	9.976	139	18632	21.504	ng/u1	90
26) 2,4-Dimethylphenol	10.034	107	46356	22.448	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.264	93	39391	20.091	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	33450	20.435	ng/u1	92
30) Naphthalene	10.921	128	108898	20.687	ng/u1#	94
32) 4-Chloroaniline	11.027	127	45163	20.344	ng/u1#	88
33) Hexachlorobutadiene	11.198	225	26149	20.894	ng/u1	91
34) Caprolactam	11.779	113	10951	19.670	ng/u1	87
35) 4-Chloro-3-methylphenol	12.149	107	41396	22.476	ng/u1	97
36) 2-Methylnaphthalene	12.525	142	81146	21.062	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	79923	20.529	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.895	216	45057	20.740	ng/ul	94
40) Hexachlorocyclopentadiene	12.872	237	16824	12.852	ng/ul	97
41) 2,4,6-Trichlorophenol	13.130	196	29799	22.320	ng/ul	86
42) 2,4,5-Trichlorophenol	13.207	196	32876	23.058	ng/ul	97
43) 1,1'-Biphenyl	13.530	154	108324	20.811	ng/ul	96
44) 2-Chloronaphthalene	13.577	162	87201	21.529	ng/ul	94
45) 2-Nitroaniline	13.776	65	31224	21.722	ng/ul	97
47) Dimethylphthalate	14.146	163	109423	20.096	ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	24311	22.372	ng/ul#	86
50) Acenaphthylene	14.423	152	132785	21.380	ng/ul	98
51) 3-Nitroaniline	14.599	138	24588	22.687	ng/ul#	79
52) Acenaphthene	14.763	153	93308	20.948	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	10537	19.462	ng/ul#	74
55) 4-Nitrophenol	14.910	109	27369	21.890	ng/ul	97
56) Dibenzofuran	15.098	168	134653	22.388	ng/ul	96
57) 2,4-Dinitrotoluene	15.057	165	36766	23.868	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.321	232	30803	23.807	ng/ul#	96
59) Diethylphthalate	15.503	149	117275	20.811	ng/ul	99
61) Fluorene	15.744	166	113854	22.298	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.738	204	59016	22.204	ng/ul#	86
63) 4-Nitroaniline	15.762	138	27347	25.445	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.827	198	18506	18.393	ng/ul#	85
67) N-Nitrosodiphenylamine	15.950	169	96086	20.786	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	41722	21.243	ng/ul	94
69) Hexachlorobenzene	16.755	284	46783	21.053	ng/ul	96
70) Atrazine	16.896	200	44465	21.061	ng/ul	96
71) Pentachlorophenol	17.101	266	21733	21.123	ng/ul	93
72) Phenanthrene	17.489	178	190853	20.784	ng/ul	96
74) Anthracene	17.583	178	190837	20.509	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.500	216	48319	20.160	ng/uL	98
76) Pentachlorobenzene	15.016	250	53846	21.233	ng/uL	95
77) Carbazole	17.847	167	169894	20.422	ng/ul	99
78) Di-n-butylphthalate	18.400	149	205485	19.863	ng/ul	99
80) Fluoranthene	19.498	202	228342	22.814	ng/ul	99
82) Pyrene	19.862	202	224704	22.612	ng/ul	98
83) Butylbenzylphthalate	20.738	149	86102	22.255	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.619	252	69963	18.888	ng/ul	99
85) Benzo(a)anthracene	21.707	228	210010	21.307	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.607	149	126185	21.977	ng/ul	97
87) Chrysene	21.777	228	198661	21.058	ng/ul	98
89) Di-n-octyl phthalate	22.835	149	207598	21.733	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	219419	21.543	ng/ul	98
91) Benzo(k)fluoranthene	24.027	252	207957m	20.862	ng/ul	
93) Benzo(a)pyrene	24.850	252	187434	21.212	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.750	276	248301	22.023	ng/ul	96
95) Dibenzo(a,h)anthracene	28.815	278	211266	22.644	ng/ul	96
96) Benzo(g,h,i)perylene	29.925	276	208880	22.284	ng/ul#	94

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

