

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049469.D
 Acq On : 25 Jul 2021 3:43
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020458

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:31:56 PM

Quant Time: Jul 25 09:52:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	24221	20.00	ng/ul	0.00
20) Naphthalene-d8	10.871	136	96008	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	64111	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	148271	20.00	ng/ul	0.00
79) Chrysene-d12	21.727	240	156420	20.00	ng/ul	0.00
88) Perylene-d12	24.999	264	161814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4226	7.98	ng/uL	-0.01
4) Pyridine-d5	3.857	84	28969	19.05	ng/ul	0.00
7) Phenol-d5	7.199	99	41784	19.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	23825	19.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	31682	20.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	31980	19.80	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	15582	21.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	17513	20.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	32006	20.35	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	40626	18.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	100272	20.42	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	116612	20.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	16428	20.31	ng/ul	0.00
60) Fluorene-d10	15.688	176	86430	20.43	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	17849	19.43	ng/ul	0.00
73) Anthracene-d10	17.544	188	135774	19.70	ng/ul	0.00
81) Pyrene-d10	19.829	212	165017	20.63	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.770	264	174490	20.52	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	4257	5.88	ng/uL#	82
5) Pyridine	3.874	79	31553	19.40	ng/ul#	94
6) Benzaldehyde	7.182	77	30443	23.81	ng/ul	93
8) Phenol	7.223	94	40813	19.50	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.458	93	27818	19.29	ng/ul	89
12) 2-Chlorophenol	7.605	128	30154	20.39	ng/ul	97
13) 2-Methylphenol	8.486	108	30925	19.38	ng/ul	83
14) 2,2'-oxybis(1-Chloropr...	8.574	45	32071	18.98	ng/ul#	95
16) Acetophenone	8.873	105	51754	19.91	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.856	70	27189	20.28	ng/ul#	97
18) 4-Methylphenol	8.815	108	33829	20.15	ng/ul	97
19) Hexachloroethane	9.138	117	13504	20.27	ng/ul	92
22) Nitrobenzene	9.255	77	45162	20.49	ng/ul	95
23) Isophorone	9.778	82	73615	19.93	ng/ul	99
25) 2-Nitrophenol	9.972	139	16870	20.72	ng/ul#	88
26) 2,4-Dimethylphenol	10.025	107	40619	20.94	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.266	93	37175	20.18	ng/ul#	98
29) 2,4-Dichlorophenol	10.512	162	31585	20.54	ng/ul	92
30) Naphthalene	10.918	128	98392	19.90	ng/ul	98
32) 4-Chloroaniline	11.023	127	41666	19.98	ng/ul#	88
33) Hexachlorobutadiene	11.206	225	24690	21.00	ng/ul#	86
34) Caprolactam	11.816	113	9305m	17.79	ng/ul	
35) 4-Chloro-3-methylphenol	12.140	107	36450	21.07	ng/ul	99
36) 2-Methylnaphthalene	12.521	142	73029	20.18	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	75357	20.60	ng/ul	88
39) 1,2,4,5-Tetrachloroben...	12.892	216	41236	21.64	ng/ul	98
40) Hexachlorocyclopentadiene	12.868	237	23063	20.09	ng/ul	97
41) 2,4,6-Trichlorophenol	13.126	196	24901	21.27	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.209	196	26763	21.40	ng/ul	84
43) 1,1'-Biphenyl	13.526	154	95949	21.02	ng/ul#	96
44) 2-Chloronaphthalene	13.573	162	73268	20.62	ng/ul	96
45) 2-Nitroaniline	13.773	65	26141	20.73	ng/ul	95
47) Dimethylphthalate	14.143	163	97267	20.37	ng/ul	98
48) 2,6-Dinitrotoluene	14.266	165	19769	20.74	ng/ul#	92
50) Acenaphthylene	14.419	152	110711	20.32	ng/ul	96
51) 3-Nitroaniline	14.595	138	19492	20.50	ng/ul#	93
52) Acenaphthene	14.760	153	78705	20.15	ng/ul	94
53) 2,4-Dinitrophenol	14.801	184	11161	23.50	ng/ul	91
55) 4-Nitrophenol	14.901	109	22599	20.61	ng/ul	92
56) Dibenzofuran	15.094	168	111160	21.07	ng/ul	94
57) 2,4-Dinitrotoluene	15.047	165	28202	20.87	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.318	232	22900	20.18	ng/ul#	93
59) Diethylphthalate	15.506	149	99875	20.21	ng/ul	98
61) Fluorene	15.746	166	91448	20.42	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.735	204	48900	20.98	ng/ul#	87
63) 4-Nitroaniline	15.758	138	20670	21.93	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.817	198	16108	19.05	ng/ul#	78
67) N-Nitrosodiphenylamine	15.946	169	79882	20.56	ng/ul	96
68) 4-Bromophenyl-phenylether	16.628	248	34006	20.60	ng/ul	95
69) Hexachlorobenzene	16.751	284	34896	18.68	ng/ul	95
70) Atrazine	16.892	200	34825	19.62	ng/ul	100
71) Pentachlorophenol	17.098	266	19041	22.02	ng/ul	96
72) Phenanthrene	17.485	178	151281	19.60	ng/ul	98
74) Anthracene	17.579	178	152899	19.55	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.497	216	41341	20.52	ng/uL	94
76) Pentachlorobenzene	15.012	250	42892	20.12	ng/uL	97
77) Carbazole	17.849	167	136438	19.51	ng/ul	100
78) Di-n-butylphthalate	18.402	149	168090	19.33	ng/ul	99
80) Fluoranthene	19.494	202	195817	20.16	ng/ul	99
82) Pyrene	19.859	202	194486	20.17	ng/ul	100
83) Butylbenzylphthalate	20.740	149	77979	20.77	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.615	252	74994	20.87	ng/ul	97
85) Benzo(a)anthracene	21.703	228	191382	20.01	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	112869	20.26	ng/ul	100
87) Chrysene	21.774	228	182612	19.95	ng/ul	96
89) Di-n-octyl phthalate	22.831	149	188031	19.77	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	207652m	20.47	ng/ul	
91) Benzo(k)fluoranthene	24.018	252	197145	19.86	ng/ul	98
93) Benzo(a)pyrene	24.840	252	180774	20.55	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.729	276	229706	20.46	ng/ul	96
95) Dibenzo(a,h)anthracene	28.799	278	189808	20.43	ng/ul	98
96) Benzo(g,h,i)perylene	29.904	276	187782	20.12	ng/ul#	93

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

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