Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049782.D
Acq On : 11 Aug 2021 9:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020488

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:00 PM

Quant Time: Aug 11 11:50:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.044	152	32099	20.000	ng/ul		0.00
20) Naphthalene-d8	10.864	136	138353	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.694	164	100120	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.443	188	210261	20.000	ng/ul		0.00
79) Chrysene-d12	21.725	240	185663	20.000	ng/ul	#	0.00
88) Perylene-d12	25.009	264	192418	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.415	96	4731	6.891	ng/uL		0.00
4) Pyridine-d5	3.838	84	36830	17.877	ng/ul		0.00
7) Phenol-d5	7.204	99	55297	18.982	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	30695	18.344	ng/ul		0.00
11) 2-Chlorophenol-d4	7.574	132	42290	20.283	ng/ul		0.00
15) 4-Methylphenol-d8	8.755	113	43286	19.488	ng/ul		0.00
21) Nitrobenzene-d5	9.207	128	20896	19.174	ng/ul		0.00
24) 2-Nitrophenol-d4	9.935	143	25288	20.318	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.488	165	47458	20.222	ng/ul		0.00
31) 4-Chloroaniline-d4	10.999	131	59162	18.415	ng/ul		0.00
46) Dimethylphthalate-d6	14.089	166	143678	18.287	ng/ul		0.00
49) Acenaphthylene-d8	14.388	160	168146	17.988	ng/ul		0.00
54) 4-Nitrophenol-d4	14.899	143	21401	16.847	ng/ul		0.00
60) Fluorene-d10	15.686	176	123469	18.282	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	25066	17.713	ng/ul		0.00
73) Anthracene-d10	17.543	188	184182m	18.557	ng/ul		0.00
81) Pyrene-d10	19.834	212	201703	19.717	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.780	264	203966	19.346	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.450	88	5852	7.034	ng/uL	#	82
5) Pyridine	3.861	79	36364	15.920	ng/ul		93
6) Benzaldehyde	7.174	77	27225m	17.536	ng/ul		
8) Phenol	7.233	94	54125	18.753	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.451	93	39177	19.566	ng/ul		95
12) 2-Chlorophenol	7.603	128	41625	19.963	ng/ul		97
13) 2-Methylphenol	8.484	108	44075	19.503	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.561	45	42313	18.490	ng/ul	#	93
16) Acetophenone	8.866	105	71470	19.387	ng/ul		100
17) N-Nitroso-di-n-propyla...	8.849	70	36501	18.417	ng/ul		97
18) 4-Methylphenol	8.819	108	46668	19.767	ng/ul		89
19) Hexachloroethane	9.131	117	19716	21.321	ng/ul		92
22) Nitrobenzene	9.254	77	61534	19.040	ng/ul		97
23) Isophorone	9.777	82	108550	19.862	ng/ul		97
25) 2-Nitrophenol	9.971	139	25151	19.729	ng/ul	#	85
26) 2,4-Dimethylphenol	10.029	107	58086	19.743	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.259	93	56315	20.338	ng/ul		92
29) 2,4-Dichlorophenol	10.511	162	46391	20.899	ng/ul		93
30) Naphthalene	10.911	128	144639	20.019	ng/ul		98
32) 4-Chloroaniline	11.022	127	58620	19.067	ng/ul		93
33) Hexachlorobutadiene	11.193	225	36114	19.807	ng/ul		98
34) Caprolactam	11.792	113	14574m	20.536	ng/ul		
35) 4-Chloro-3-methylphenol	12.150	107	52317	20.337	ng/ul		93
36) 2-Methylnaphthalene	12.520	142	103206	18.655	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.738	142	101594	18.872	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.890	216	58215	18.722	ng/ul#	94
40) Hexachlorocyclopentadiene	12.867	237	23017	12.550	ng/ul	86
41) 2,4,6-Trichlorophenol	13.131	196	38930	19.564	ng/ul#	90
42) 2,4,5-Trichlorophenol	13.207	196	39385	18.447	ng/ul	85
43) 1,1'-Biphenyl	13.525	154	136063	18.243	ng/ul	97
44) 2-Chloronaphthalene	13.572	162	114206	19.561	ng/ul	95
45) 2-Nitroaniline	13.771	65	38901	18.926	ng/ul	97
47) Dimethylphthalate	14.136	163	150578	19.308	ng/ul	98
48) 2,6-Dinitrotoluene	14.265	165	30043	18.862	ng/ul	98
50) Acenaphthylene	14.418	152	170046	19.281	ng/ul	95
51) 3-Nitroaniline	14.594	138	25381	17.899	ng/ul#	91
52) Acenaphthene	14.758	153	118473	18.807	ng/ul	93
53) 2,4-Dinitrophenol	14.811	184	15753	17.951	ng/ul	95
55) 4-Nitrophenol	14.917	109	28292	17.030	ng/ul	96
56) Dibenzofuran	15.093	168	163428	18.701	ng/ul	100
57) 2,4-Dinitrotoluene	15.058	165	45158	19.656	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.322	232	36425	20.703	ng/ul#	97
59) Diethylphthalate	15.498	149	147317	18.735	ng/ul	97
61) Fluorene	15.745	166	135369	19.048	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.728	204	73497	18.996	ng/ul	97
63) 4-Nitroaniline	15.763	138	25443	19.191	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.827	198	23521	17.737	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	113066	19.511	ng/ul	94
68) 4-Bromophenyl-phenylether	16.626	248	52246	21.362	ng/ul	93
69) Hexachlorobenzene	16.750	284	57002	20.588	ng/ul	98
70) Atrazine	16.891	200	49686	19.491	ng/ul	91
71) Pentachlorophenol	17.096	266	24649	18.589	ng/ul	99
72) Phenanthrene	17.490	178	216816	19.483	ng/ul	98
74) Anthracene	17.578	178	220669	19.822	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.495	216	61334	19.859	ng/uL	96
76) Pentachlorobenzene	15.011	250	63790	19.585	ng/uL	94
77) Carbazole	17.848	167	182795	18.375	ng/ul	98
78) Di-n-butylphthalate	18.395	149	236756	19.466	ng/ul	99
80) Fluoranthene	19.499	202	259412	20.548	ng/ul	100
82) Pyrene	19.863	202	257854	20.478	ng/ul	99
83) Butylbenzylphthalate	20.733	149	101873	21.229	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.620	252	73456	16.712	ng/ul#	98
85) Benzo(a)anthracene	21.708	228	239774	19.670	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	139525	19.849	ng/ul	96
87) Chrysene	21.778	228	228607	20.080	ng/ul	97
89) Di-n-octyl phthalate	22.824	149	236284	19.687	ng/ul	100
90) Benzo(b)fluoranthene	23.958	252	247405	19.672	ng/ul	99
91) Benzo(k)fluoranthene	24.028	252	248219	19.877	ng/ul	99
93) Benzo(a)pyrene	24.856	252	222555	20.102	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.757	276	286550m	19.722	ng/ul	
95) Dibenzo(a,h)anthracene	28.822	278	243405	20.082	ng/ul	97
96) Benzo(g,h,i)perylene	29.938	276	239144	19.793	ng/ul	98

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

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