Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049446.D
Acq On : 24 Jul 2021 11:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020456

Manual Integrations APPROVED
mohammad
7/26/2021 1:31:13 PM

Quant Time: Jul 25 07:19:58 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	8.043	152	20050	20.00	ng/ul		0.00
20) Naphthalene-d8	10.868	136	76805	20.00	ng/ul	#	0.00
38) Acenaphthene-d10	14.698	164	55057	20.00	ng/ul		0.00
64) Phenanthrene-d10	17.448	188	119003	20.00	ng/ul		0.00
79) Chrysene-d12	21.730	240	137567	20.00	ng/ul		0.00
88) Perylene-d12	25.008	264	145194	20.00	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.425	96	3526	8.05	ng/uL		-0.01
4) Pyridine-d5	3.854	84	25039	19.89	ng/ul		0.00
7) Phenol-d5	7.197	99	33620	18.95	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	18862	18.77	ng/ul		0.00
11) 2-Chlorophenol-d4	7.579	132	25406	19.98	ng/ul		0.00
15) 4-Methylphenol-d8	8.754	113	25706	19.22	ng/ul		0.00
21) Nitrobenzene-d5	9.212	128	12287	20.81	ng/ul		0.00
24) 2-Nitrophenol-d4	9.946	143	14206	20.53	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.486	165	25407	20.19	ng/ul		0.00
31) 4-Chloroaniline-d4	10.998	131	32684	18.63	ng/ul		0.00
46) Dimethylphthalate-d6	14.099	166	82098	19.47	ng/ul		0.00
49) Acenaphthylene-d8	14.393	160	96964	19.79	ng/ul		0.00
54) 4-Nitrophenol-d4	14.892	143	12703	18.29	ng/ul		0.00
60) Fluorene-d10	15.685	176	71702	19.73	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	13224	17.93	ng/ul		0.00
73) Anthracene-d10	17.548	188	112317	20.31	ng/ul		0.00
81) Pyrene-d10	19.833	212	137744	19.58	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.779	264	148279	19.43	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.467	88	4241	7.08	ng/uL	#	93
5) Pyridine	3.872	79	27760	20.62	ng/ul		94
6) Benzaldehyde	7.179	77	25076	23.69	ng/ul		95
8) Phenol	7.226	94	33154	19.13	ng/ul		93
10) Bis(2-Chloroethyl)ether	7.461	93	23380	19.58	ng/ul	#	91
12) 2-Chlorophenol	7.608	128	24538	20.04	ng/ul		90
13) 2-Methylphenol	8.489	108	24851	18.82	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.571	45	26901	19.23	ng/ul	#	92
16) Acetophenone	8.871	105	42107	19.57	ng/ul	#	91
17) N-Nitroso-di-n-propyla...	8.853	70	22962	20.69	ng/ul	#	93
18) 4-Methylphenol	8.818	108	27429	19.74	ng/ul		100
19) Hexachloroethane	9.135	117	12157	22.04	ng/ul		84
22) Nitrobenzene	9.259	77	36333	20.61	ng/ul		95
23) Isophorone	9.782	82	60311	20.41	ng/ul		98
25) 2-Nitrophenol	9.970	139	14420	22.14	ng/ul		92
26) 2,4-Dimethylphenol	10.028	107	33922	21.86	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.263	93	29782	20.21	ng/ul		97
29) 2,4-Dichlorophenol	10.510	162	25205	20.49	ng/ul		96
30) Naphthalene	10.915	128	79505	20.10	ng/ul	#	97
32) 4-Chloroaniline	11.027	127	32233	19.32	ng/ul		96
33) Hexachlorobutadiene	11.203	225	20069	21.34	ng/ul		93
34) Caprolactam	11.779	113	7486m	17.89	ng/ul		
35) 4-Chloro-3-methylphenol	12.149	107	28306	20.45	ng/ul		94
36) 2-Methylnaphthalene	12.525	142	58838	20.32	ng/ul		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.742	142	59598	20.37	ng/ul#	96
39)	1,2,4,5-Tetrachloroben...	12.895	216	32725	20.00	ng/ul	94
40)	Hexachlorocyclopentadiene	12.871	237	17551	17.80	ng/ul	90
41)	2,4,6-Trichlorophenol	13.130	196	19545	19.44	ng/ul#	66
42)	2,4,5-Trichlorophenol	13.206	196	21037	19.59	ng/ul	98
43)	1,1'-Biphenyl	13.529	154	77229	19.70	ng/ul	96
44)	2-Chloronaphthalene	13.576	162	60867	19.95	ng/ul	97
45)	2-Nitroaniline	13.776	65	21626	19.97	ng/ul	93
47)	Dimethylphthalate	14.140	163	78232	19.07	ng/ul	97
48)	2,6-Dinitrotoluene	14.264	165	15965	19.50	ng/ul#	89
50)	Acenaphthylene	14.422	152	93618	20.01	ng/ul	95
51)	3-Nitroaniline	14.599	138	15440	18.91	ng/ul#	76
52)	Acenaphthene	14.763	153	66806	19.91	ng/ul	93
53)	2,4-Dinitrophenol	14.804	184	5763	14.13	ng/ul#	70
55)	4-Nitrophenol	14.904	109	16882	17.93	ng/ul	94
56)	Dibenzofuran	15.098	168	91231	20.14	ng/ul	96
57)	2,4-Dinitrotoluene	15.057	165	24241	20.89	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.321	232	18115	18.59	ng/ul#	92
59)	Diethylphthalate	15.509	149	82078	19.34	ng/ul	99
61)	Fluorene	15.744	166	76776	19.96	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.738	204	39541	19.75	ng/ul	93
63)	4-Nitroaniline	15.762	138	17460	21.57	ng/ul	87
66)	4,6-Dinitro-2-methylph...	15.820	198	12691	18.70	ng/ul#	82
67)	N-Nitrosodiphenylamine	15.950	169	63256	20.28	ng/ul	99
68)	4-Bromophenyl-phenylether	16.631	248	27448	20.71	ng/ul	96
69)	Hexachlorobenzene	16.754	284	30461	20.32	ng/ul	95
70)	Atrazine	16.895	200	29184	20.49	ng/ul	97
71)	Pentachlorophenol	17.101	266	10287	14.82	ng/ul	97
72)	Phenanthrene	17.489	178	126631m	20.44	ng/ul	
74)	Anthracene	17.583	178	127499	20.31	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.500	216	32477	20.08	ng/uL	98
76)	Pentachlorobenzene	15.016	250	35163	20.55	ng/uL	99
77)	Carbazole	17.853	167	114384	20.38	ng/ul	98
78)	Di-n-butylphthalate	18.405	149	142726	20.45	ng/ul	100
80)	Fluoranthene	19.498	202	164562	19.27	ng/ul	100
82)	Pyrene	19.862	202	170050	20.05	ng/ul#	97
83)	Butylbenzylphthalate	20.743	149	67114	20.33	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.618	252	66066	20.90	ng/ul	98
85)	Benzo(a)anthracene	21.707	228	170274	20.24	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.607	149	95535	19.50	ng/ul	98
87)	Chrysene	21.777	228	159246	19.78	ng/ul	99
89)	Di-n-octyl phthalate	22.840	149	158368	18.56	ng/ul	100
90)	Benzo(b)fluoranthene	23.962	252	178492	19.61	ng/ul#	96
91)	Benzo(k)fluoranthene	24.033	252	178859	20.08	ng/ul#	96
93)	Benzo(a)pyrene	24.849	252	156062	19.77	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.750	276	207569m	20.61	ng/ul	
95)	Dibenzo(a,h)anthracene	28.809	278	170945	20.51	ng/ul	98
96)	Benzo(g,h,i)perylene	29.907	276	168041	20.06	ng/ul#	94

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

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