Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049552.D
Acq On : 29 Jul 2021 9:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020467

Manual Integrations APPROVED
mohammad
7/30/2021 11:59:45 AM

Quant Time: Jul 29 10:43:07 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	23919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	98684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	66339	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	154380	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	144187	20.000	ng/ul	0.00
88) Perylene-d12	25.014	264	145613	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	3826	7.318	ng/uL	0.00
4) Pyridine-d5	3.860	84	30431	20.265	ng/ul	0.00
7) Phenol-d5	7.203	99	41716	19.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	23071	19.249	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	30908	20.375	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	31068	19.477	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	15931	20.997	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	18546	20.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	32784	20.275	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	43201	19.170	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	101692	20.012	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	115999	19.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	16656	19.903	ng/ul	0.01
60) Fluorene-d10	15.691	176	89298	20.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	16946	17.714	ng/ul	0.01
73) Anthracene-d10	17.548	188	138631	19.321	ng/ul	0.00
81) Pyrene-d10	19.833	212	160698	21.796	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	157940	20.637	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	4636	6.488	ng/uL#	82
5) Pyridine	3.878	79	32811	20.427	ng/ul	91
6) Benzaldehyde	7.179	77	30708	24.318	ng/ul	95
8) Phenol	7.226	94	42769	20.689	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.461	93	29335	20.597	ng/ul	99
12) 2-Chlorophenol	7.608	128	32159	22.020	ng/ul	96
13) 2-Methylphenol	8.489	108	32516	20.637	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.572	45	32476	19.458	ng/ul	94
16) Acetophenone	8.871	105	56509	22.011	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.854	70	28840	21.785	ng/ul	96
18) 4-Methylphenol	8.818	108	35524	21.432	ng/ul	98
19) Hexachloroethane	9.141	117	14618	22.219	ng/ul	85
22) Nitrobenzene	9.259	77	47867	21.130	ng/ul	95
23) Isophorone	9.782	82	79351	20.904	ng/ul#	97
25) 2-Nitrophenol	9.976	139	18691	22.339	ng/ul#	77
26) 2,4-Dimethylphenol	10.028	107	42884	21.505	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.263	93	39423	20.823	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	32819	20.762	ng/ul	92
30) Naphthalene	10.921	128	107436	21.135	ng/ul	97
32) 4-Chloroaniline	11.027	127	42007	19.596	ng/ul#	84
33) Hexachlorobutadiene	11.203	225	26094	21.592	ng/ul	98
34) Caprolactam	11.785	113	10218m	19.006	ng/ul	
35) 4-Chloro-3-methylphenol	12.149	107	36783	20.681	ng/ul#	94
36) 2-Methylnaphthalene	12.525	142	78750	21.167	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.748	142	77761	20.684	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.895	216	43666	22.146	ng/ul	89
40) Hexachlorocyclopentadiene	12.872	237	32175	27.082	ng/ul	99
41) 2,4,6-Trichlorophenol	13.130	196	28261	23.324	ng/ul	89
42) 2,4,5-Trichlorophenol	13.206	196	28714	22.190	ng/ul	95
43) 1,1'-Biphenyl	13.530	154	103193	21.844	ng/ul#	96
44) 2-Chloronaphthalene	13.576	162	82493	22.441	ng/ul	92
45) 2-Nitroaniline	13.776	65	30432	23.328	ng/ul	91
47) Dimethylphthalate	14.140	163	105702	21.389	ng/ul	98
48) 2,6-Dinitrotoluene	14.270	165	22145	22.454	ng/ul#	85
50) Acenaphthylene	14.422	152	119534	21.207	ng/ul#	91
51) 3-Nitroaniline	14.599	138	21859	22.223	ng/ul	85
52) Acenaphthene	14.763	153	85828	21.231	ng/ul	96
53) 2,4-Dinitrophenol	14.810	184	9338	19.004	ng/ul#	80
55) 4-Nitrophenol	14.910	109	21668	19.095	ng/ul	93
56) Dibenzofuran	15.098	168	119788	21.945	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	32515	23.258	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.327	232	27326	23.271	ng/ul	94
59) Diethylphthalate	15.509	149	106813	20.884	ng/ul	97
61) Fluorene	15.750	166	102247	22.064	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	52881	21.922	ng/ul	87
63) 4-Nitroaniline	15.762	138	21189	21.723	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.826	198	14862	16.877	ng/ul#	84
67) N-Nitrosodiphenylamine	15.950	169	84698	20.934	ng/ul	95
68) 4-Bromophenyl-phenylether	16.631	248	35344	20.561	ng/ul	94
69) Hexachlorobenzene	16.755	284	40877	21.018	ng/ul	94
70) Atrazine	16.896	200	38532	20.852	ng/ul	99
71) Pentachlorophenol	17.101	266	17800	19.766	ng/ul	93
72) Phenanthrene	17.489	178	163117	20.296	ng/ul	98
74) Anthracene	17.583	178	165961	20.378	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	44600	21.261	ng/uL	98
76) Pentachlorobenzene	15.022	250	48302	21.762	ng/uL	93
77) Carbazole	17.853	167	144995	19.914	ng/ul	97
78) Di-n-butylphthalate	18.405	149	181363	20.030	ng/ul	99
80) Fluoranthene	19.504	202	198996	22.229	ng/ul	97
82) Pyrene	19.862	202	199239	22.416	ng/ul	99
83) Butylbenzylphthalate	20.743	149	76233	22.030	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.624	252	70436	21.260	ng/ul	96
85) Benzo(a)anthracene	21.713	228	189614	21.509	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	109011	21.227	ng/ul	95
87) Chrysene	21.777	228	176630	20.933	ng/ul	97
89) Di-n-octyl phthalate	22.835	149	183168	21.400	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	197467m	21.636	ng/ul	
91) Benzo(k)fluoranthene	24.033	252	185000	20.712	ng/ul	99
93) Benzo(a)pyrene	24.861	252	165536	20.907	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.756	276	225026	22.274	ng/ul	100
95) Dibenzo(a,h)anthracene	28.821	278	183123	21.904	ng/ul	96
96) Benzo(g,h,i)perylene	29.931	276	176671	21.034	ng/ul#	95

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

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