Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049471.D
Acq On : 26 Jul 2021 9:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020459

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:12 PM

Quant Time: Jul 26 11:34:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 01:16:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	23606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	92469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	62246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	136313	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	141300	20.000	ng/ul	# 0.00
88) Perylene-d12	25.002	264	141490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	3857	7.475	ng/uL	0.00
4) Pyridine-d5	3.854	84	27102	18.287	ng/ul	0.00
7) Phenol-d5	7.203	99	38739	18.548	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	22506	19.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	28016	18.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	28388	18.033	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	14201	19.975	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	15842	19.016	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	29786	19.659	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	38096	18.041	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	94304	19.778	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	107875	19.479	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	13882	17.679	ng/ul	0.00
60) Fluorene-d10	15.691	176	77232	18.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	14934	17.680	ng/ul	0.00
73) Anthracene-d10	17.548	188	125601	19.825	ng/ul	0.00
81) Pyrene-d10	19.833	212	146444	20.269	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	157646	21.199	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.472	88	4662	6.610	ng/uL#	92
5) Pyridine	3.872	79	30117	18.998	ng/ul#	76
6) Benzaldehyde	7.179	77	27720	22.243	ng/ul	93
8) Phenol	7.226	94	38341	18.793	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.461	93	27944	19.881	ng/ul	97
12) 2-Chlorophenol	7.608	128	28868	20.029	ng/ul	99
13) 2-Methylphenol	8.483	108	30481	19.602	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.577	45	32497	19.729	ng/ul	95
16) Acetophenone	8.877	105	51652	20.386	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.853	70	26297	20.127	ng/ul#	85
18) 4-Methylphenol	8.818	108	31693	19.374	ng/ul	93
19) Hexachloroethane	9.135	117	14407	22.188	ng/ul#	80
22) Nitrobenzene	9.259	77	42822	20.173	ng/ul	96
23) Isophorone	9.782	82	70918	19.938	ng/ul#	93
25) 2-Nitrophenol	9.970	139	17093	21.802	ng/ul	97
26) 2,4-Dimethylphenol	10.028	107	39111	20.931	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.263	93	34943	19.697	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	30227	20.407	ng/ul#	94
30) Naphthalene	10.915	128	95234	19.994	ng/ul#	93
32) 4-Chloroaniline	11.027	127	38971	19.401	ng/ul	92
33) Hexachlorobutadiene	11.203	225	24182	21.354	ng/ul	90
34) Caprolactam	11.791	113	8680m	17.231	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	35057	21.036	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	72803	20.884	ng/ul	99

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37) 1-Methylnaphthalene	12.742	142	69250	19.658	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.889	216	38840	20.994	ng/ul	94
40) Hexachlorocyclopentadiene	12.871	237	22613	20.285	ng/ul	93
41) 2,4,6-Trichlorophenol	13.130	196	23557	20.720	ng/ul#	80
42) 2,4,5-Trichlorophenol	13.206	196	25670	21.142	ng/ul	96
43) 1,1'-Biphenyl	13.529	154	91787	20.707	ng/ul#	95
44) 2-Chloronaphthalene	13.571	162	74301	21.541	ng/ul	90
45) 2-Nitroaniline	13.770	65	26220	21.420	ng/ul	95
47) Dimethylphthalate	14.140	163	94364	20.351	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	18614	20.115	ng/ul	96
50) Acenaphthylene	14.422	152	108654	20.544	ng/ul	97
51) 3-Nitroaniline	14.599	138	18772	20.339	ng/ul	97
52) Acenaphthene	14.757	153	78512	20.698	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	7999	17.350	ng/ul#	73
55) 4-Nitrophenol	14.904	109	20458	19.214	ng/ul	93
56) Dibenzofuran	15.098	168	107989	21.084	ng/ul	95
57) 2,4-Dinitrotoluene	15.057	165	27669	21.093	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	22285	20.226	ng/ul#	96
59) Diethylphthalate	15.503	149	95444	19.889	ng/ul	95
61) Fluorene	15.744	166	88459	20.344	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.738	204	48005	21.209	ng/ul#	91
63) 4-Nitroaniline	15.756	138	19080	20.847	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.820	198	15335	19.722	ng/ul#	88
67) N-Nitrosodiphenylamine	15.950	169	74022	20.721	ng/ul	95
68) 4-Bromophenyl-phenylether	16.631	248	32029	21.102	ng/ul	98
69) Hexachlorobenzene	16.754	284	34731	20.224	ng/ul	94
70) Atrazine	16.895	200	33388	20.463	ng/ul	96
71) Pentachlorophenol	17.101	266	13942m	17.534	ng/ul	
72) Phenanthrene	17.489	178	146783	20.684	ng/ul	98
74) Anthracene	17.583	178	145837	20.280	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.500	216	40484	21.856	ng/uL	98
76) Pentachlorobenzene	15.016	250	42437	21.654	ng/uL	98
77) Carbazole	17.847	167	130435	20.288	ng/ul	99
78) Di-n-butylphthalate	18.399	149	160245	20.044	ng/ul	99
80) Fluoranthene	19.498	202	181009	20.633	ng/ul	99
82) Pyrene	19.862	202	189145	21.715	ng/ul	99
83) Butylbenzylphthalate	20.737	149	72438	21.361	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.618	252	69611	21.441	ng/ul	99
85) Benzo(a)anthracene	21.707	228	179600	20.789	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.601	149	104385	20.742	ng/ul	93
87) Chrysene	21.771	228	171876	20.786	ng/ul	97
89) Di-n-octyl phthalate	22.834	149	172430	20.732	ng/ul	100
90) Benzo(b)fluoranthene	23.956	252	188716	21.280	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	183872m	21.185	ng/ul	
93) Benzo(a)pyrene	24.844	252	163202	21.213	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.738	276	216693	22.074	ng/ul	99
95) Dibenzo(a,h)anthracene	28.809	278	181549	22.349	ng/ul#	97
96) Benzo(g,h,i)perylene	29.907	276	182774	22.395	ng/ul#	89

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

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