Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049891.D
Acq On : 19 Aug 2021 10:41
Operator : CG/JU
Sample : SSTD02024
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020424

Manual Integrations APPROVED
mohammad
8/20/2021 2:23:03 PM

Quant Time: Aug 19 11:48:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 11:48:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	24356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.794	136	99673	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.636	164	69951	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.385	188	170660	20.000	ng/ul	0.00
79) Chrysene-d12	21.656	240	165957	20.000	ng/ul	0.00
88) Perylene-d12	24.887	264	167709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	3672	7.911	ng/uL	0.00
4) Pyridine-d5	3.774	84	26480	19.027	ng/ul	0.00
7) Phenol-d5	7.146	99	36844	17.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	20999	17.725	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	29826	19.037	ng/ul	0.00
15) 4-Methylphenol-d8	8.697	113	29546	17.789	ng/ul	0.00
21) Nitrobenzene-d5	9.149	128	14147	18.372	ng/ul	0.00
24) 2-Nitrophenol-d4	9.878	143	17228	18.592	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.424	165	31401	19.196	ng/ul	0.00
31) 4-Chloroaniline-d4	10.935	131	42935	19.257	ng/ul	0.00
46) Dimethylphthalate-d6	14.037	166	110191	20.678	ng/ul	0.00
49) Acenaphthylene-d8	14.330	160	122302	19.515	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	14349	20.241	ng/ul	0.00
60) Fluorene-d10	15.629	176	91227	20.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.758	200	20529	18.235	ng/ul	0.00
73) Anthracene-d10	17.485	188	146713	19.243	ng/ul	0.00
81) Pyrene-d10	19.776	212	168818	18.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.664	264	167515	19.163	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	4357	8.648	ng/uL	100
5) Pyridine	3.792	79	27866	18.900	ng/ul	100
6) Benzaldehyde	7.111	77	25996	22.113	ng/ul	100
8) Phenol	7.175	94	39257	18.930	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.393	93	28136	19.242	ng/ul	100
12) 2-Chlorophenol	7.540	128	29313	19.167	ng/ul	100
13) 2-Methylphenol	8.433	108	28166	17.235	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.509	45	28028	17.783	ng/ul	100
16) Acetophenone	8.803	105	49457	18.527	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.785	70	26110	18.752	ng/ul	100
18) 4-Methylphenol	8.761	108	32592	18.663	ng/ul	100
19) Hexachloroethane	9.061	117	12316	17.407	ng/ul	100
22) Nitrobenzene	9.190	77	40839	19.366	ng/ul	100
23) Isophorone	9.713	82	73207	19.417	ng/ul	100
25) 2-Nitrophenol	9.907	139	16881	18.843	ng/ul	100
26) 2,4-Dimethylphenol	9.972	107	38607	18.734	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.195	93	37887	19.321	ng/ul	100
29) 2,4-Dichlorophenol	10.453	162	30117	19.701	ng/ul	100
30) Naphthalene	10.847	128	93663	18.618	ng/ul	100
32) 4-Chloroaniline	10.959	127	40213	18.548	ng/ul	100
33) Hexachlorobutadiene	11.129	225	22480	17.588	ng/ul	100
34) Caprolactam	11.716	113	10451m	19.997	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	35665	19.448	ng/ul	100
36) 2-Methylnaphthalene	12.462	142	72613	19.104	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	72977	19.299	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.832	216	39944	18.329	ng/ul	100
40) Hexachlorocyclopentadiene	12.803	237	12545	16.644	ng/ul	100
41) 2,4,6-Trichlorophenol	13.073	196	24991	18.607	ng/ul	100
42) 2,4,5-Trichlorophenol	13.156	196	26988	20.225	ng/ul	100
43) 1,1'-Biphenyl	13.461	154	94566	19.001	ng/ul	100
44) 2-Chloronaphthalene	13.508	162	77996	19.928	ng/ul	100
45) 2-Nitroaniline	13.714	65	26199	19.315	ng/ul	100
47) Dimethylphthalate	14.084	163	109295	21.078	ng/ul	100
48) 2,6-Dinitrotoluene	14.207	165	22257	20.748	ng/ul	100
50) Acenaphthylene	14.360	152	114608	19.868	ng/ul	100
51) 3-Nitroaniline	14.542	138	21819	22.012	ng/ul	100
52) Acenaphthene	14.701	153	80208	19.239	ng/ul	100
53) 2,4-Dinitrophenol	14.765	184	8672	15.175	ng/ul	100
55) 4-Nitrophenol	14.865	109	18886	20.642	ng/ul	100
56) Dibenzofuran	15.035	168	114800	20.249	ng/ul	100
57) 2,4-Dinitrotoluene	15.000	165	32948	21.048	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.270	232	23408	21.191	ng/ul	100
59) Diethylphthalate	15.447	149	109096	20.501	ng/ul	100
61) Fluorene	15.687	166	93722	19.499	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.670	204	52459	20.627	ng/ul	100
63) 4-Nitroaniline	15.705	138	24106	24.728	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.770	198	18351	17.959	ng/ul	100
67) N-Nitrosodiphenylamine	15.887	169	86129	18.725	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	36527	19.043	ng/ul	100
69) Hexachlorobenzene	16.692	284	42459	19.661	ng/ul	100
70) Atrazine	16.833	200	39939	20.158	ng/ul	100
71) Pentachlorophenol	17.050	266	14577	19.187	ng/ul	100
72) Phenanthrene	17.432	178	163568	19.251	ng/ul	100
74) Anthracene	17.520	178	168902	19.710	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.438	216	41247	17.050	ng/uL	100
76) Pentachlorobenzene	14.959	250	44261	17.479	ng/uL	100
77) Carbazole	17.790	167	149390	19.638	ng/ul	100
78) Di-n-butylphthalate	18.337	149	194967	20.020	ng/ul	100
80) Fluoranthene	19.441	202	214287	19.069	ng/ul	100
82) Pyrene	19.805	202	209393	18.941	ng/ul	100
83) Butylbenzylphthalate	20.681	149	83458	18.964	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.550	252	77324	19.330	ng/ul	100
85) Benzo(a)anthracene	21.638	228	200883	19.229	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.532	149	113762	18.628	ng/ul	100
87) Chrysene	21.703	228	191024	19.441	ng/ul	100
89) Di-n-octyl phthalate	22.737	149	186344	18.836	ng/ul	100
90) Benzo(b)fluoranthene	23.859	252	207892	19.882	ng/ul	100
91) Benzo(k)fluoranthene	23.923	252	191230	18.513	ng/ul	100
93) Benzo(a)pyrene	24.734	252	178100	19.429	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.570	276	233618	19.448	ng/ul	100
95) Dibenzo(a,h)anthracene	28.623	278	190546	18.828	ng/ul	100
96) Benzo(g,h,i)perylene	29.733	276	191321	19.067	ng/ul	100

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

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