Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050058.D
Acq On : 31 Aug 2021 10:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020504

Manual Integrations APPROVED
mohammad
9/1/2021 4:49:18 PM

Quant Time: Aug 31 11:22:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	32235	20.000	ng/ul	0.00
20) Naphthalene-d8	10.782	136	129563	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.624	164	91145	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.379	188	203834	20.000	ng/ul	0.00
79) Chrysene-d12	21.655	240	175382	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	181557	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	5319	8.509	ng/uL	0.00
4) Pyridine-d5	3.744	84	37930	20.144	ng/ul	0.00
7) Phenol-d5	7.134	99	58169	21.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	31677	20.830	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	46978	22.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	45125	20.932	ng/ul	0.00
21) Nitrobenzene-d5	9.137	128	23267	23.163	ng/ul	0.00
24) 2-Nitrophenol-d4	9.865	143	26625	22.261	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.412	165	49514	23.210	ng/ul	0.00
31) 4-Chloroaniline-d4	10.923	131	65242	22.469	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	146889	21.058	ng/ul	0.00
49) Acenaphthylene-d8	14.318	160	181345	22.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.853	143	19109	18.935	ng/ul	0.00
60) Fluorene-d10	15.622	176	131768	22.280	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	22501	17.158	ng/ul	0.00
73) Anthracene-d10	17.478	188	205785	22.482	ng/ul	0.00
81) Pyrene-d10	19.770	212	223500	23.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	215663	22.390	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	5952	7.810	ng/uL#	86
5) Pyridine	3.762	79	40131	19.720	ng/ul	93
6) Benzaldehyde	7.093	77	29956	19.017	ng/ul	95
8) Phenol	7.163	94	58170	21.039	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	38967	20.416	ng/ul	98
12) 2-Chlorophenol	7.527	128	44431	21.953	ng/ul#	81
13) 2-Methylphenol	8.420	108	43952	20.605	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.491	45	41691	20.831	ng/ul	94
16) Acetophenone	8.790	105	71070	20.215	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.773	70	36710	20.795	ng/ul#	96
18) 4-Methylphenol	8.749	108	46181	20.125	ng/ul	80
19) Hexachloroethane	9.043	117	21612	24.400	ng/ul	97
22) Nitrobenzene	9.178	77	59100	21.714	ng/ul	95
23) Isophorone	9.701	82	98652	20.343	ng/ul	98
25) 2-Nitrophenol	9.895	139	26771	23.022	ng/ul	92
26) 2,4-Dimethylphenol	9.959	107	58549	22.655	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.177	93	52574	20.994	ng/ul	98
29) 2,4-Dichlorophenol	10.441	162	46360	23.677	ng/ul	96
30) Naphthalene	10.835	128	143602	22.175	ng/ul#	95
32) 4-Chloroaniline	10.946	127	65244	23.331	ng/ul	94
33) Hexachlorobutadiene	11.111	225	35986	22.719	ng/ul	97
34) Caprolactam	11.716	113	14556m	21.222	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	53903	23.034	ng/ul	97
36) 2-Methylnaphthalene	12.444	142	110289	22.911	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.667	142	108837	22.399	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.820	216	62961	23.519	ng/ul#	97
40) Hexachlorocyclopentadiene	12.791	237	15033	12.547	ng/ul	97
41) 2,4,6-Trichlorophenol	13.061	196	39264	23.015	ng/ul	90
42) 2,4,5-Trichlorophenol	13.149	196	43177	24.148	ng/ul	97
43) 1,1'-Biphenyl	13.455	154	143875	22.594	ng/ul	98
44) 2-Chloronaphthalene	13.502	162	114491	22.384	ng/ul	97
45) 2-Nitroaniline	13.707	65	39660	22.838	ng/ul	96
47) Dimethylphthalate	14.071	163	141379	20.480	ng/ul	99
48) 2,6-Dinitrotoluene	14.206	165	30945	21.712	ng/ul#	89
50) Acenaphthylene	14.347	152	168791	22.580	ng/ul	95
51) 3-Nitroaniline	14.535	138	25768	18.736	ng/ul	88
52) Acenaphthene	14.688	153	121719	22.447	ng/ul	95
53) 2,4-Dinitrophenol	14.765	184	13226	18.169	ng/ul	84
55) 4-Nitrophenol	14.870	109	23259	18.177	ng/ul	96
56) Dibenzofuran	15.023	168	168207	22.400	ng/ul	97
57) 2,4-Dinitrotoluene	14.999	165	47084	22.967	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.264	232	33021	22.286	ng/ul	98
59) Diethylphthalate	15.434	149	149769	21.208	ng/ul	98
61) Fluorene	15.675	166	142070	22.425	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.663	204	74759	22.302	ng/ul	99
63) 4-Nitroaniline	15.704	138	26003	18.946	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	19745	16.612	ng/ul#	98
67) N-Nitrosodiphenylamine	15.881	169	121467	22.634	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	53279	23.628	ng/ul	98
69) Hexachlorobenzene	16.691	284	59724	22.937	ng/ul	95
70) Atrazine	16.826	200	51982	21.804	ng/ul	96
71) Pentachlorophenol	17.038	266	20031	18.168	ng/ul	97
72) Phenanthrene	17.426	178	234583	23.085	ng/ul	98
74) Anthracene	17.514	178	234532m	22.776	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.425	216	64728	23.669	ng/uL	87
76) Pentachlorobenzene	14.947	250	66934	23.098	ng/uL	93
77) Carbazole	17.784	167	203103	22.165	ng/ul	99
78) Di-n-butylphthalate	18.330	149	252546	21.550	ng/ul	99
80) Fluoranthene	19.441	202	280550	23.988	ng/ul	99
82) Pyrene	19.799	202	273759	23.622	ng/ul	99
83) Butylbenzylphthalate	20.674	149	103696	22.674	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.549	252	75016	18.044	ng/ul	99
85) Benzo(a)anthracene	21.638	228	246550	22.561	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.526	149	142216	22.644	ng/ul	96
87) Chrysene	21.702	228	234289	22.680	ng/ul	97
89) Di-n-octyl phthalate	22.730	149	236165	21.927	ng/ul	100
90) Benzo(b)fluoranthene	23.858	252	252271	21.722	ng/ul	98
91) Benzo(k)fluoranthene	23.923	252	240185	21.758	ng/ul	99
93) Benzo(a)pyrene	24.739	252	220402	21.853	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.587	276	287025	21.574	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.640	278	234667	21.070	ng/ul#	97
96) Benzo(g,h,i)perylene	29.750	276	234115	20.931	ng/ul	99

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

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