Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050014.D
Acq On : 28 Aug 2021 3:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020499

Manual Integrations APPROVED
mohammad
8/30/2021 10:33:16 AM

Quant Time: Aug 28 03:59:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	42706	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	173821	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.628	164	117226	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	256190	20.000	ng/ul	-0.01
79) Chrysene-d12	21.654	240	257558	20.000	ng/ul	-0.01
88) Perylene-d12	24.873	264	257489	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	6732	8.129	ng/uL	-0.01
4) Pyridine-d5	3.754	84	48286	19.357	ng/ul	-0.02
7) Phenol-d5	7.138	99	68923	19.006	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.285	67	38755	19.236	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.502	132	51919	19.134	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	53698	18.802	ng/ul	-0.01
21) Nitrobenzene-d5	9.135	128	25827	19.165	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.864	143	30172	18.803	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.410	165	56877	19.873	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.921	131	71569	18.372	ng/ul	-0.02
46) Dimethylphthalate-d6	14.023	166	166770	18.589	ng/ul	-0.02
49) Acenaphthylene-d8	14.322	160	205864	19.571	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.851	143	22238	17.132	ng/ul	0.00
60) Fluorene-d10	15.621	176	144781	19.034	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	28167	17.090	ng/ul	-0.01
73) Anthracene-d10	17.477	188	226938	19.726	ng/ul	-0.02
81) Pyrene-d10	19.768	212	258427	18.568	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.650	264	263366	19.279	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.367	88	7343m	7.273	ng/uL	
5) Pyridine	3.778	79	50215	18.625	ng/ul#	91
6) Benzaldehyde	7.097	77	47851	22.930	ng/ul	97
8) Phenol	7.162	94	68041	18.576	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.379	93	48495	19.179	ng/ul	96
12) 2-Chlorophenol	7.532	128	51429	19.181	ng/ul#	80
13) 2-Methylphenol	8.425	108	51941	18.380	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.495	45	49842	18.797	ng/ul	94
16) Acetophenone	8.795	105	84881	18.224	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.771	70	44838	19.172	ng/ul	94
18) 4-Methylphenol	8.754	108	57181	18.809	ng/ul	94
19) Hexachloroethane	9.053	117	22420	19.106	ng/ul	89
22) Nitrobenzene	9.182	77	71782	19.658	ng/ul	98
23) Isophorone	9.699	82	122162	18.777	ng/ul#	96
25) 2-Nitrophenol	9.899	139	30400	19.486	ng/ul#	90
26) 2,4-Dimethylphenol	9.958	107	67427	19.448	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.187	93	64852	19.303	ng/ul	96
29) 2,4-Dichlorophenol	10.439	162	51281	19.522	ng/ul	91
30) Naphthalene	10.839	128	164517	18.936	ng/ul	97
32) 4-Chloroaniline	10.951	127	68947	18.378	ng/ul	96
33) Hexachlorobutadiene	11.115	225	40285	18.957	ng/ul	95
34) Caprolactam	11.708	113	16879m	18.343	ng/ul	
35) 4-Chloro-3-methylphenol	12.084	107	61753	19.670	ng/ul	99
36) 2-Methylnaphthalene	12.449	142	126957	19.658	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	125655	19.275	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.819	216	70075	20.352	ng/ul#	94
40) Hexachlorocyclopentadiene	12.789	237	22061	14.317	ng/ul	88
41) 2,4,6-Trichlorophenol	13.065	196	44201	20.145	ng/ul	85
42) 2,4,5-Trichlorophenol	13.148	196	43999	19.133	ng/ul	88
43) 1,1'-Biphenyl	13.453	154	158252	19.323	ng/ul	98
44) 2-Chloronaphthalene	13.500	162	127969	19.453	ng/ul	99
45) 2-Nitroaniline	13.706	65	43726	19.577	ng/ul	90
47) Dimethylphthalate	14.076	163	163418	18.406	ng/ul	99
48) 2,6-Dinitrotoluene	14.205	165	35482	19.357	ng/ul	94
50) Acenaphthylene	14.346	152	185060	19.249	ng/ul	97
51) 3-Nitroaniline	14.534	138	35066	19.824	ng/ul	95
52) Acenaphthene	14.693	153	133667	19.166	ng/ul	96
53) 2,4-Dinitrophenol	14.757	184	15342	16.387	ng/ul	89
55) 4-Nitrophenol	14.863	109	28228	17.153	ng/ul	98
56) Dibenzofuran	15.027	168	184698	19.124	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	50711	19.232	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.262	232	36068	18.927	ng/ul	92
59) Diethylphthalate	15.433	149	166387	18.319	ng/ul	98
61) Fluorene	15.679	166	151602	18.605	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.662	204	80636	18.704	ng/ul	98
63) 4-Nitroaniline	15.703	138	35610	20.174	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.773	198	26382	17.659	ng/ul	94
67) N-Nitrosodiphenylamine	15.879	169	133207	19.749	ng/ul	99
68) 4-Bromophenyl-phenylether	16.561	248	58069	20.490	ng/ul	96
69) Hexachlorobenzene	16.690	284	64356	19.665	ng/ul	97
70) Atrazine	16.831	200	59701	19.924	ng/ul	98
71) Pentachlorophenol	17.042	266	23809	17.181	ng/ul	98
72) Phenanthrene	17.424	178	250934	19.648	ng/ul	98
74) Anthracene	17.512	178	250056	19.320	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.424	216	71504	20.803	ng/uL	91
76) Pentachlorobenzene	14.951	250	74256	20.388	ng/uL	97
77) Carbazole	17.788	167	223273	19.387	ng/ul	97
78) Di-n-butylphthalate	18.335	149	278331	18.897	ng/ul	97
80) Fluoranthene	19.433	202	321014	18.691	ng/ul	99
82) Pyrene	19.797	202	312342	18.352	ng/ul	99
83) Butylbenzylphthalate	20.673	149	127940	19.049	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.542	252	115232	18.874	ng/ul	95
85) Benzo(a)anthracene	21.636	228	305569	19.040	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.524	149	180915	19.615	ng/ul	98
87) Chrysene	21.701	228	289517	19.084	ng/ul	95
89) Di-n-octyl phthalate	22.723	149	298645	19.551	ng/ul	100
90) Benzo(b)fluoranthene	23.851	252	314153	19.074	ng/ul	100
91) Benzo(k)fluoranthene	23.915	252	307234	19.624	ng/ul	99
93) Benzo(a)pyrene	24.726	252	273357	19.110	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	353159	18.717	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.621	278	294353	18.635	ng/ul	100
96) Benzo(g,h,i)perylene	29.731	276	293301	18.489	ng/ul	97

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

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