Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
Data File : BG052548.D
Acq On : 3 Mar 2022 10:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 03 23:48:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 17:32:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020532

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
Supervised By :Yogesh Patel 03/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	26134	20.000	ng/ul	0.00
20) Naphthalene-d8	11.054	136	106825	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.866	164	77426	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	194462	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.933	240	200827	20.000	ng/ul	# 0.00
88) Perylene-d12	25.393	264	208241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.540	96	6143	9.221	ng/uL	0.00
4) Pyridine-d5	3.975	84	42347	21.070	ng/ul	0.00
7) Phenol-d5	7.365	99	48081	19.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.523	67	32461	22.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.746	132	36542	20.994	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	39788	20.636	ng/ul	0.00
21) Nitrobenzene-d5	9.391	128	19886	21.836	ng/ul	0.00
24) 2-Nitrophenol-d4	10.126	143	20945	20.997	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.672	165	41746	22.442	ng/ul	0.00
31) 4-Chloroaniline-d4	11.189	131	59587	23.115	ng/ul	0.00
46) Dimethylphthalate-d6	14.255	166	137200	21.798	ng/ul	0.00
49) Acenaphthylene-d8	14.561	160	171359	22.054	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	19743	19.732	ng/ul	0.00
60) Fluorene-d10	15.853	176	122071	22.077	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.971	200	25740	20.876	ng/ul	0.00
73) Anthracene-d10	17.715	188	210034	22.357	ng/ul	0.00
81) Pyrene-d10	19.994	212	261809	22.279	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.158	264	247415	22.146	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	7030	9.070	ng/uL	98
5) Pyridine	3.993	79	43526	21.450	ng/ul	97
6) Benzaldehyde	7.341	77	28437m	20.207	ng/ul	
8) Phenol	7.394	94	51802	20.668	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.617	93	39638	21.381	ng/ul	97
12) 2-Chlorophenol	7.782	128	38338	21.142	ng/ul	96
13) 2-Methylphenol	8.663	108	38969	20.539	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.751	45	55922	22.040	ng/ul	98
16) Acetophenone	9.045	105	63685	21.438	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.021	70	36478	20.858	ng/ul	97
18) 4-Methylphenol	8.998	108	41594	20.614	ng/ul	87
19) Hexachloroethane	9.321	117	15638	22.056	ng/ul#	78
22) Nitrobenzene	9.432	77	52308	22.406	ng/ul#	96
23) Isophorone	9.955	82	100233	22.255	ng/ul	99
25) 2-Nitrophenol	10.155	139	22485	21.450	ng/ul	95
26) 2,4-Dimethylphenol	10.208	107	48399	22.448	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.437	93	53577	21.979	ng/ul	100
29) 2,4-Dichlorophenol	10.701	162	40192	22.840	ng/ul	98
30) Naphthalene	11.107	128	130264	21.918	ng/ul	97
32) 4-Chloroaniline	11.212	127	58976	22.302	ng/ul	98
33) Hexachlorobutadiene	11.394	225	29835	21.486	ng/ul	98
34) Caprolactam	11.952	113	14156m	21.624	ng/ul	
35) 4-Chloro-3-methylphenol	12.328	107	44304	22.541	ng/ul	96
36) 2-Methylnaphthalene	12.704	142	92518	21.725	ng/ul	99

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37) 1-Methylnaphthalene	12.922	142	95678	22.077	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.069	216	60786	22.370	ng/ul	98
40) Hexachlorocyclopentadiene	13.051	237	21382	16.255	ng/ul	98
41) 2,4,6-Trichlorophenol	13.304	196	35150	21.570	ng/ul	91
42) 2,4,5-Trichlorophenol	13.386	196	38160	21.969	ng/ul	98
43) 1,1'-Biphenyl	13.697	154	131338	21.334	ng/ul#	94
44) 2-Chloronaphthalene	13.744	162	102077	21.802	ng/ul	98
45) 2-Nitroaniline	13.944	65	34950	22.856	ng/ul	91
47) Dimethylphthalate	14.302	163	135147	21.966	ng/ul	99
48) 2,6-Dinitrotoluene	14.426	165	28970	21.501	ng/ul	91
50) Acenaphthylene	14.590	152	171696	22.112	ng/ul	97
51) 3-Nitroaniline	14.760	138	20841	18.994	ng/ul	96
52) Acenaphthene	14.931	153	111045	21.746	ng/ul	97
53) 2,4-Dinitrophenol	14.978	184	10501	15.761	ng/ul#	84
55) 4-Nitrophenol	15.066	109	20549	21.176	ng/ul	79
56) Dibenzofuran	15.260	168	161872	22.051	ng/ul	96
57) 2,4-Dinitrotoluene	15.219	165	43371	22.222	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.489	232	34477	21.901	ng/ul#	85
59) Diethylphthalate	15.659	149	138621	22.288	ng/ul	95
61) Fluorene	15.912	166	136889	22.169	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.894	204	73768	21.951	ng/ul	91
63) 4-Nitroaniline	15.924	138	15379	14.598	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.982	198	24191	20.244	ng/ul#	99
67) N-Nitrosodiphenylamine	16.106	169	120849	22.057	ng/ul	92
68) 4-Bromophenyl-phenylether	16.793	248	51104	21.895	ng/ul#	88
69) Hexachlorobenzene	16.922	284	59195	22.103	ng/ul#	91
70) Atrazine	17.046	200	53582	22.190	ng/ul	97
71) Pentachlorophenol	17.269	266	21864m	18.126	ng/ul	
72) Phenanthrene	17.656	178	234474	22.387	ng/ul	99
74) Anthracene	17.750	178	235414	22.333	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.674	216	66321	21.559	ng/uL	93
76) Pentachlorobenzene	15.189	250	64093	21.823	ng/uL	99
77) Carbazole	18.015	167	216296	23.102	ng/ul	99
78) Di-n-butylphthalate	18.555	149	248374	22.306	ng/ul	99
80) Fluoranthene	19.660	202	312578	22.530	ng/ul#	91
82) Pyrene	20.024	202	306228	22.227	ng/ul#	89
83) Butylbenzylphthalate	20.887	149	106520	21.387	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.810	252	92614	20.877	ng/ul#	96
85) Benzo(a)anthracene	21.910	228	300044	22.049	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.786	149	150050	21.493	ng/ul#	99
87) Chrysene	21.980	228	289453	22.187	ng/ul	98
89) Di-n-octyl phthalate	23.073	149	250729	20.822	ng/ul	100
90) Benzo(b)fluoranthene	24.289	252	316546	21.803	ng/ul#	95
91) Benzo(k)fluoranthene	24.359	252	292600	21.849	ng/ul#	96
93) Benzo(a)pyrene	25.234	252	295441	21.631	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.388	276	345310	22.233	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.458	278	291437	21.982	ng/ul#	93
96) Benzo(g,h,i)perylene	30.639	276	288562	22.129	ng/ul#	90

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

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