Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053968.D
Acq On : 21 Jun 2022 3:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020565

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 21 05:57:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	21360	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	88033	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	67080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	176407	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.720	240	195019	20.000	ng/ul	# 0.00
88) Perylene-d12	24.980	264	201805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.506	96	3157	7.032	ng/uL	0.00
4) Pyridine-d5	3.917	84	24617	20.161	ng/ul	0.00
7) Phenol-d5	7.231	99	33005	21.568	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	19661	21.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	26533	21.743	ng/ul	0.00
15) 4-Methylphenol-d8	8.782	113	28225	21.632	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	13193	20.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	15369	22.137	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	33595	21.871	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	39951	20.588	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	107290	20.331	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	116513	20.304	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	15927	22.042	ng/ul	0.00
60) Fluorene-d10	15.691	176	97160	20.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	20532	21.336	ng/ul	0.00
73) Anthracene-d10	17.542	188	162475	20.394	ng/ul	0.00
81) Pyrene-d10	19.828	212	210369	20.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	207904	20.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	4212	8.598	ng/uL#	72
5) Pyridine	3.935	79	26334	20.796	ng/ul	98
6) Benzaldehyde	7.213	77	20087m	25.777	ng/ul	
8) Phenol	7.260	94	34927	21.874	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.489	93	25818	21.347	ng/ul#	86
12) 2-Chlorophenol	7.642	128	27465	22.044	ng/ul	91
13) 2-Methylphenol	8.517	108	25883	20.883	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.606	45	38417	21.384	ng/ul	97
16) Acetophenone	8.899	105	43875	21.743	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.882	70	23048	22.406	ng/ul	98
18) 4-Methylphenol	8.841	108	27996	21.114	ng/ul	93
19) Hexachloroethane	9.170	117	11155	21.129	ng/ul#	82
22) Nitrobenzene	9.281	77	31683	20.357	ng/ul	90
23) Isophorone	9.804	82	61761	20.467	ng/ul	98
25) 2-Nitrophenol	9.992	139	16047	22.042	ng/ul	94
26) 2,4-Dimethylphenol	10.051	107	34195	21.510	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.286	93	35471	20.880	ng/ul	98
29) 2,4-Dichlorophenol	10.527	162	33069	21.528	ng/ul#	91
30) Naphthalene	10.938	128	89416	20.476	ng/ul	99
32) 4-Chloroaniline	11.038	127	39588	20.572	ng/ul	98
33) Hexachlorobutadiene	11.226	225	29252	19.496	ng/ul	95
34) Caprolactam	11.790	113	9597m	20.936	ng/ul	
35) 4-Chloro-3-methylphenol	12.154	107	30886	20.908	ng/ul	97
36) 2-Methylnaphthalene	12.536	142	65014	20.125	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	65400	20.300	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.906	216	54717	20.068	ng/ul	94
40) Hexachlorocyclopentadiene	12.889	237	28347	18.537	ng/ul	95
41) 2,4,6-Trichlorophenol	13.141	196	31788	22.463	ng/ul	93
42) 2,4,5-Trichlorophenol	13.212	196	34993m	21.873	ng/ul	
43) 1,1'-Biphenyl	13.541	154	96434	20.742	ng/ul	97
44) 2-Chloronaphthalene	13.582	162	78052	20.216	ng/ul	99
45) 2-Nitroaniline	13.776	65	21699	22.340	ng/ul	97
47) Dimethylphthalate	14.152	163	102971	20.301	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	22289	21.850	ng/ul	89
50) Acenaphthylene	14.428	152	122763	20.835	ng/ul	100
51) 3-Nitroaniline	14.599	138	17909	21.627	ng/ul#	90
52) Acenaphthene	14.769	153	81254	20.651	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	10427	22.064	ng/ul#	65
55) 4-Nitrophenol	14.898	109	14281	20.162	ng/ul	97
56) Dibenzofuran	15.098	168	121586	20.196	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	31529	21.308	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.321	232	33105	23.814	ng/ul	96
59) Diethylphthalate	15.509	149	102769	20.665	ng/ul	98
61) Fluorene	15.744	166	101052	20.609	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.738	204	62051	19.903	ng/ul	96
63) 4-Nitroaniline	15.756	138	17056m	21.420	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.821	198	19347	20.944	ng/ul#	98
67) N-Nitrosodiphenylamine	15.950	169	92207	21.380	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	45387	20.713	ng/ul	96
69) Hexachlorobenzene	16.755	284	52017	20.254	ng/ul#	90
70) Atrazine	16.896	200	43945	20.746	ng/ul	95
71) Pentachlorophenol	17.096	266	26378	24.232	ng/ul	94
72) Phenanthrene	17.489	178	178337	20.405	ng/ul	97
74) Anthracene	17.577	178	180722	20.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.506	216	59094	19.668	ng/uL	97
76) Pentachlorobenzene	15.022	250	56688	20.514	ng/uL	92
77) Carbazole	17.848	167	151128	20.811	ng/ul	98
78) Di-n-butylphthalate	18.400	149	174313	21.083	ng/ul	98
80) Fluoranthene	19.493	202	236776	20.859	ng/ul#	94
82) Pyrene	19.857	202	230947	20.464	ng/ul#	96
83) Butylbenzylphthalate	20.738	149	75416	22.174	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	92941	23.029	ng/ul	98
85) Benzo(a)anthracene	21.702	228	247165	20.562	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	111410	22.418	ng/ul	99
87) Chrysene	21.767	228	235563	20.427	ng/ul	99
89) Di-n-octyl phthalate	22.830	149	189323	21.844	ng/ul	100
90) Benzo(b)fluoranthene	23.941	252	252871	20.293	ng/ul#	97
91) Benzo(k)fluoranthene	24.011	252	245698m	20.592	ng/ul	
93) Benzo(a)pyrene	24.828	252	246365	20.524	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.694	276	296745	20.548	ng/ul	97
95) Dibenzo(a,h)anthracene	28.770	278	251832	20.721	ng/ul#	98
96) Benzo(g,h,i)perylene	29.869	276	250108	20.511	ng/ul#	96

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

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