Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
Data File : BG052825.D
Acq On : 25 Mar 2022 11:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020544

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 26 00:11:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	24353	20.000	ng/ul	0.00
20) Naphthalene-d8	10.954	136	112029	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.760	164	88032	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.503	188	219263	20.000	ng/ul	0.00
79) Chrysene-d12	21.792	240	226411	20.000	ng/ul	0.00
88) Perylene-d12	25.111	264	237767	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	5978	8.671	ng/uL	0.00
4) Pyridine-d5	3.969	84	29820	17.325	ng/ul	0.00
7) Phenol-d5	7.288	99	44492	20.398	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	27799	20.867	ng/ul	0.00
11) 2-Chlorophenol-d4	7.670	132	30486	20.584	ng/ul	0.00
15) 4-Methylphenol-d8	8.833	113	34281	21.696	ng/ul	0.00
21) Nitrobenzene-d5	9.297	128	17098	21.202	ng/ul	0.00
24) 2-Nitrophenol-d4	10.031	143	19285	22.673	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	36314	19.625	ng/ul	0.00
31) 4-Chloroaniline-d4	11.077	131	49025	20.046	ng/ul	0.00
46) Dimethylphthalate-d6	14.161	166	133141	19.687	ng/ul	0.00
49) Acenaphthylene-d8	14.455	160	159165	19.368	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	24488	21.536	ng/ul	0.00
60) Fluorene-d10	15.753	176	117426	19.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	23737	21.273	ng/ul	0.00
73) Anthracene-d10	17.603	188	195367	19.134	ng/ul	0.00
81) Pyrene-d10	19.883	212	239633	18.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.882	264	234904	19.120	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	5550	6.570	ng/uL#	90
5) Pyridine	3.992	79	34490	18.545	ng/ul	86
6) Benzaldehyde	7.270	77	32292m	22.270	ng/ul	
8) Phenol	7.311	94	45651	21.716	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.552	93	31844	20.080	ng/ul	98
12) 2-Chlorophenol	7.705	128	30388	20.082	ng/ul	91
13) 2-Methylphenol	8.574	108	34406	21.059	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.668	45	53924	20.919	ng/ul#	94
16) Acetophenone	8.962	105	55954	22.700	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.939	70	32878	22.880	ng/ul	95
18) 4-Methylphenol	8.898	108	37780	22.195	ng/ul	93
19) Hexachloroethane	9.238	117	13375	19.921	ng/ul	90
22) Nitrobenzene	9.344	77	47160	20.014	ng/ul#	88
23) Isophorone	9.867	82	90812	20.163	ng/ul	98
25) 2-Nitrophenol	10.055	139	20020	22.697	ng/ul#	95
26) 2,4-Dimethylphenol	10.114	107	42880	19.619	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.348	93	47759	19.068	ng/ul	98
29) 2,4-Dichlorophenol	10.595	162	35714	19.851	ng/ul	99
30) Naphthalene	11.006	128	108314	18.683	ng/ul	98
32) 4-Chloroaniline	11.100	127	48105	20.017	ng/ul	99
33) Hexachlorobutadiene	11.294	225	26779	18.225	ng/ul	99
34) Caprolactam	11.846	113	13028	24.043	ng/ul#	73
35) 4-Chloro-3-methylphenol	12.211	107	43968	22.529	ng/ul	91
36) 2-Methylnaphthalene	12.598	142	80912	19.776	ng/ul	96

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37) 1-Methylnaphthalene	12.822	142	82599	19.942	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.968	216	52984	18.209	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	33821	16.790	ng/ul	95
41) 2,4,6-Trichlorophenol	13.198	196	35152	19.770	ng/ul	93
42) 2,4,5-Trichlorophenol	13.268	196	39071	20.348	ng/ul	93
43) 1,1'-Biphenyl	13.597	154	114158	18.147	ng/ul	96
44) 2-Chloronaphthalene	13.644	162	92399	18.343	ng/ul	98
45) 2-Nitroaniline	13.832	65	35115	23.781	ng/ul	90
47) Dimethylphthalate	14.208	163	124195	19.243	ng/ul#	98
48) 2,6-Dinitrotoluene	14.325	165	24748	21.168	ng/ul#	94
50) Acenaphthylene	14.484	152	152213	19.178	ng/ul	97
51) 3-Nitroaniline	14.649	138	29372	24.890	ng/ul#	98
52) Acenaphthene	14.825	153	99852	19.258	ng/ul	98
53) 2,4-Dinitrophenol	14.854	184	17460	24.039	ng/ul#	64
55) 4-Nitrophenol	14.948	109	26188	21.884	ng/ul	95
56) Dibenzofuran	15.160	168	151281	19.680	ng/ul	99
57) 2,4-Dinitrotoluene	15.107	165	38292	23.084	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.383	232	36578	21.134	ng/ul#	97
59) Diethylphthalate	15.565	149	130131	19.909	ng/ul	99
61) Fluorene	15.806	166	123918	19.448	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.794	204	67554	19.925	ng/ul	89
63) 4-Nitroaniline	15.812	138	29763	25.647	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.870	198	23342	21.380	ng/ul#	95
67) N-Nitrosodiphenylamine	16.006	169	111456	18.801	ng/ul	99
68) 4-Bromophenyl-phenylether	16.687	248	48436	22.310	ng/ul	94
69) Hexachlorobenzene	16.816	284	54972	19.602	ng/ul	97
70) Atrazine	16.951	200	48344	19.898	ng/ul	94
71) Pentachlorophenol	17.157	266	30957	18.153	ng/ul	96
72) Phenanthrene	17.551	178	220998	19.204	ng/ul	98
74) Anthracene	17.639	178	223555	19.431	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.568	216	57438	17.589	ng/uL	98
76) Pentachlorobenzene	15.083	250	57833	18.459	ng/uL	96
77) Carbazole	17.903	167	200222	19.692	ng/ul	97
78) Di-n-butylphthalate	18.461	149	232765	19.251	ng/ul	99
80) Fluoranthene	19.554	202	288714	19.343	ng/ul	98
82) Pyrene	19.912	202	282967	19.074	ng/ul	98
83) Butylbenzylphthalate	20.793	149	100388	19.462	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.680	252	103257	20.348	ng/ul	94
85) Benzo(a)anthracene	21.774	228	278284	19.044	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.674	149	143253	20.052	ng/ul	99
87) Chrysene	21.839	228	267145	19.166	ng/ul	99
89) Di-n-octyl phthalate	22.920	149	245014	19.784	ng/ul	100
90) Benzo(b)fluoranthene	24.053	252	291339	18.976	ng/ul#	98
91) Benzo(k)fluoranthene	24.124	252	269271	19.003	ng/ul#	96
93) Benzo(a)pyrene	24.958	252	271489	18.730	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.894	276	318113	19.405	ng/ul	95
95) Dibenzo(a,h)anthracene	28.964	278	271449	19.482	ng/ul	99
96) Benzo(g,h,i)perylene	30.086	276	261060	18.839	ng/ul	96

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

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