Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060122\
Data File : BG053785.D
Acq On : 1 Jun 2022 17:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020563

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/02/2022
Supervised By :mohammad ahmed 06/06/2022

Quant Time: Jun 02 10:30:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 01 00:25:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	22700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	91592	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.721	164	64420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	157545	20.000	ng/ul	-0.01
79) Chrysene-d12	21.737	240	183659	20.000	ng/ul	-0.01
88) Perylene-d12	25.009	264	184269	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	4419	7.363	ng/uL	0.00
4) Pyridine-d5	3.940	84	25213	19.055	ng/ul	-0.01
7) Phenol-d5	7.242	99	32314	18.719	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	21259	19.052	ng/ul	0.00
11) 2-Chlorophenol-d4	7.630	132	25803	18.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	26238	18.349	ng/ul	-0.01
21) Nitrobenzene-d5	9.257	128	11450	20.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	11266	20.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.514	165	27364	18.541	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.031	131	38723	19.125	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	91656	18.515	ng/ul	-0.01
49) Acenaphthylene-d8	14.416	160	102566	18.542	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	13700	20.128	ng/ul	0.00
60) Fluorene-d10	15.708	176	81591	18.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	12020	19.083	ng/ul	-0.01
73) Anthracene-d10	17.559	188	135632	19.060	ng/ul	0.00
81) Pyrene-d10	19.845	212	178242	18.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	175142	19.005	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	5295	8.387	ng/uL#	84
5) Pyridine	3.963	79	28811	20.591	ng/ul	91
6) Benzaldehyde	7.230	77	19704	21.671	ng/ul	98
8) Phenol	7.265	94	35284	19.095	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.512	93	27062	19.123	ng/ul	90
12) 2-Chlorophenol	7.659	128	26901	19.150	ng/ul	93
13) 2-Methylphenol	8.529	108	26377	18.582	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.628	45	45874	19.288	ng/ul	98
16) Acetophenone	8.916	105	43502	19.478	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.899	70	23089	18.521	ng/ul	95
18) 4-Methylphenol	8.852	108	28335	18.885	ng/ul	98
19) Hexachloroethane	9.192	117	11286	18.953	ng/ul	86
22) Nitrobenzene	9.292	77	30038	21.037	ng/ul	98
23) Isophorone	9.827	82	61479	18.257	ng/ul	99
25) 2-Nitrophenol	10.015	139	11954	20.673	ng/ul	97
26) 2,4-Dimethylphenol	10.062	107	32350	18.532	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.303	93	36368	18.782	ng/ul	98
29) 2,4-Dichlorophenol	10.544	162	28108	19.204	ng/ul	96
30) Naphthalene	10.955	128	88782	19.151	ng/ul	98
32) 4-Chloroaniline	11.055	127	38432	19.265	ng/ul	95
33) Hexachlorobutadiene	11.249	225	22778	18.751	ng/ul	96
34) Caprolactam	11.819	113	7172m	17.507	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	27749	17.967	ng/ul	96
36) 2-Methylnaphthalene	12.553	142	62462	19.077	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.771	142	61786	18.967	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.923	216	41649	18.483	ng/ul	92
40)	Hexachlorocyclopentadiene	12.906	237	37209	24.289	ng/ul#	90
41)	2,4,6-Trichlorophenol	13.153	196	23811	18.545	ng/ul	92
42)	2,4,5-Trichlorophenol	13.217	196	26016	18.837	ng/ul	98
43)	1,1'-Biphenyl	13.558	154	88349	18.959	ng/ul	99
44)	2-Chloronaphthalene	13.599	162	67779	18.672	ng/ul	100
45)	2-Nitroaniline	13.787	65	16837	21.817	ng/ul	96
47)	Dimethylphthalate	14.169	163	90088	19.006	ng/ul	99
48)	2,6-Dinitrotoluene	14.275	165	15108	21.843	ng/ul	96
50)	Acenaphthylene	14.439	152	111183	18.749	ng/ul	99
51)	3-Nitroaniline	14.604	138	13986	21.117	ng/ul#	96
52)	Acenaphthene	14.780	153	72767	18.488	ng/ul	98
53)	2,4-Dinitrophenol	14.804	184	9476	25.969	ng/ul#	81
55)	4-Nitrophenol	14.898	109	12514	19.482	ng/ul	95
56)	Dibenzofuran	15.115	168	106736	18.749	ng/ul	97
57)	2,4-Dinitrotoluene	15.062	165	22102	22.876	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.332	232	23040	18.829	ng/ul#	97
59)	Diethylphthalate	15.526	149	89363	18.221	ng/ul	99
61)	Fluorene	15.761	166	88736	19.021	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.755	204	48688	18.603	ng/ul	99
63)	4-Nitroaniline	15.761	138	14184	22.186	ng/ul	89
66)	4,6-Dinitro-2-methylph...	15.826	198	11495	19.621	ng/ul#	91
67)	N-Nitrosodiphenylamine	15.961	169	79469	18.473	ng/ul	98
68)	4-Bromophenyl-phenylether	16.648	248	32454	18.577	ng/ul	96
69)	Hexachlorobenzene	16.772	284	35574	18.859	ng/ul	96
70)	Atrazine	16.907	200	35002	18.445	ng/ul	99
71)	Pentachlorophenol	17.107	266	20128	17.954	ng/ul	94
72)	Phenanthrene	17.500	178	154967	19.066	ng/ul	98
74)	Anthracene	17.594	178	158256	19.081	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.523	216	44933	18.034	ng/uL	99
76)	Pentachlorobenzene	15.039	250	41271	18.442	ng/uL	95
77)	Carbazole	17.853	167	143519	19.852	ng/ul	98
78)	Di-n-butylphthalate	18.423	149	167538	18.534	ng/ul	99
80)	Fluoranthene	19.510	202	206842	18.203	ng/ul	99
82)	Pyrene	19.868	202	207497	18.423	ng/ul	98
83)	Butylbenzylphthalate	20.761	149	74436	18.160	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.631	252	76276	18.666	ng/ul	97
85)	Benzo(a)anthracene	21.719	228	223087	19.211	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.637	149	111030	18.447	ng/ul	99
87)	Chrysene	21.789	228	211003	19.010	ng/ul	98
89)	Di-n-octyl phthalate	22.871	149	183195	18.272	ng/ul	100
90)	Benzo(b)fluoranthene	23.969	252	223963	19.373	ng/ul	97
91)	Benzo(k)fluoranthene	24.040	252	207728	18.866	ng/ul	98
93)	Benzo(a)pyrene	24.856	252	212155	19.001	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.734	276	248747	19.422	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.805	278	215606	19.605	ng/ul	99
96)	Benzo(g,h,i)perylene	29.892	276	208575m	19.308	ng/ul	

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

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