Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022522\
Data File : BG052485.D
Acq On : 25 Feb 2022 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

Quant Time: Feb 25 10:30:19 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	25300	20.000	ng/ul	0.00
20) Naphthalene-d8	11.063	136	107481	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.869	164	78560	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	199177	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.936	240	205763	20.000	ng/ul	# 0.00
88) Perylene-d12	25.402	264	212524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	6021	9.336	ng/uL	0.00
4) Pyridine-d5	3.972	84	44224	22.729	ng/ul	0.00
7) Phenol-d5	7.368	99	49360	20.575	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.526	67	31021	22.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	36107	21.428	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	40232	21.554	ng/ul	0.00
21) Nitrobenzene-d5	9.394	128	20170	22.013	ng/ul	0.00
24) 2-Nitrophenol-d4	10.123	143	21054	20.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	41965	22.422	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	61968	23.892	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	145603	22.799	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	174347	22.114	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	21315	20.995	ng/ul	0.00
60) Fluorene-d10	15.856	176	127040	22.644	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.974	200	25108	19.881	ng/ul	0.00
73) Anthracene-d10	17.718	188	216364	22.486	ng/ul	0.00
81) Pyrene-d10	19.998	212	270386	22.457	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.161	264	247727	21.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	6628	8.833	ng/uL#	93
5) Pyridine	3.996	79	42724	21.749	ng/ul	91
6) Benzaldehyde	7.344	77	27859	20.449	ng/ul	97
8) Phenol	7.391	94	52702	21.720	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.620	93	40205	22.402	ng/ul	93
12) 2-Chlorophenol	7.779	128	37234	21.210	ng/ul	95
13) 2-Methylphenol	8.660	108	37734	20.544	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.748	45	55191	22.469	ng/ul	98
16) Acetophenone	9.048	105	63652	22.133	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.024	70	36911	21.801	ng/ul#	98
18) 4-Methylphenol	8.989	108	44216	22.636	ng/ul	91
19) Hexachloroethane	9.324	117	15257	22.228	ng/ul#	73
22) Nitrobenzene	9.435	77	52706	22.439	ng/ul#	92
23) Isophorone	9.964	82	104186	22.992	ng/ul	99
25) 2-Nitrophenol	10.164	139	23227	22.023	ng/ul	94
26) 2,4-Dimethylphenol	10.211	107	49186	22.674	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.440	93	54341	22.157	ng/ul	98
29) 2,4-Dichlorophenol	10.704	162	39071	22.067	ng/ul	98
30) Naphthalene	11.110	128	131671	22.020	ng/ul	98
32) 4-Chloroaniline	11.215	127	62303	23.416	ng/ul	97
33) Hexachlorobutadiene	11.397	225	30034	21.498	ng/ul	99
34) Caprolactam	11.950	113	15271m	23.184	ng/ul	
35) 4-Chloro-3-methylphenol	12.326	107	44743	22.626	ng/ul	97
36) 2-Methylnaphthalene	12.707	142	95300	22.242	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.925	142	98428	22.573	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.072	216	59955	21.746	ng/ul	95
40) Hexachlorocyclopentadiene	13.054	237	23393	17.527	ng/ul	97
41) 2,4,6-Trichlorophenol	13.307	196	34677	20.972	ng/ul	98
42) 2,4,5-Trichlorophenol	13.383	196	37545	21.303	ng/ul	96
43) 1,1'-Biphenyl	13.700	154	137621	22.032	ng/ul#	94
44) 2-Chloronaphthalene	13.747	162	103699	21.829	ng/ul	98
45) 2-Nitroaniline	13.941	65	35095	22.620	ng/ul	92
47) Dimethylphthalate	14.305	163	139573	22.358	ng/ul	99
48) 2,6-Dinitrotoluene	14.429	165	30981	22.662	ng/ul	92
50) Acenaphthylene	14.593	152	176265	22.373	ng/ul	97
51) 3-Nitroaniline	14.764	138	19589	17.595	ng/ul#	98
52) Acenaphthene	14.934	153	115243	22.242	ng/ul	94
53) 2,4-Dinitrophenol	14.975	184	10809	15.989	ng/ul#	82
55) 4-Nitrophenol	15.069	109	20547	20.868	ng/ul	89
56) Dibenzofuran	15.263	168	168408	22.610	ng/ul	97
57) 2,4-Dinitrotoluene	15.216	165	44392	22.417	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.492	232	34869	21.830	ng/ul#	86
59) Diethylphthalate	15.662	149	141257	22.384	ng/ul	97
61) Fluorene	15.915	166	143319	22.875	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.897	204	75862	22.248	ng/ul	96
63) 4-Nitroaniline	15.921	138	15472	14.474	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.985	198	24098	19.688	ng/ul	95
67) N-Nitrosodiphenylamine	16.109	169	123943	22.086	ng/ul	96
68) 4-Bromophenyl-phenylether	16.796	248	52951	22.150	ng/ul#	86
69) Hexachlorobenzene	16.925	284	60471	22.045	ng/ul#	87
70) Atrazine	17.049	200	55271	22.347	ng/ul	95
71) Pentachlorophenol	17.278	266	21553m	17.445	ng/ul	
72) Phenanthrene	17.660	178	241489	22.511	ng/ul	99
74) Anthracene	17.754	178	243700	22.571	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.677	216	68146	21.628	ng/uL	99
76) Pentachlorobenzene	15.192	250	66249	22.023	ng/uL	97
77) Carbazole	18.018	167	221929	23.142	ng/ul	97
78) Di-n-butylphthalate	18.558	149	252206	22.114	ng/ul	100
80) Fluoranthene	19.663	202	319450	22.473	ng/ul#	90
82) Pyrene	20.027	202	313532	22.211	ng/ul#	90
83) Butylbenzylphthalate	20.891	149	109815	21.520	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.813	252	94614	20.816	ng/ul#	98
85) Benzo(a)anthracene	21.913	228	309914	22.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.789	149	152610	21.335	ng/ul#	99
87) Chrysene	21.983	228	294950	22.066	ng/ul	100
89) Di-n-octyl phthalate	23.082	149	259381	21.106	ng/ul	100
90) Benzo(b)fluoranthene	24.292	252	317667	21.439	ng/ul#	96
91) Benzo(k)fluoranthene	24.368	252	305578	22.359	ng/ul#	95
93) Benzo(a)pyrene	25.243	252	304432	21.840	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.397	276	351702	22.189	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.467	278	301809	22.306	ng/ul#	95
96) Benzo(g,h,i)perylene	30.648	276	294281	22.113	ng/ul#	89

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

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