Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053944.D
Acq On : 20 Jun 2022 12:09
Operator : CG/JU
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 20 14:08:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 14:06:57 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010429

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	19968	20.000	ng/ul	0.00
20) Naphthalene-d8	10.890	136	77636	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	60649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	162428	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	187026	20.000	ng/ul	# 0.00
88) Perylene-d12	24.980	264	194248	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	1440m	2.728	ng/uL	0.00
4) Pyridine-d5	3.916	84	8910	7.655	ng/ul	0.00
7) Phenol-d5	7.230	99	12556	8.268	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	7765	7.911	ng/ul	0.00
11) 2-Chlorophenol-d4	7.606	132	10024	8.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	11057	8.790	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	5205	11.216	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	5273	11.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	12571	10.049	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	15849	9.235	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	45188	9.696	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	48689	9.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	5003	7.807	ng/ul	0.00
60) Fluorene-d10	15.691	176	40584	9.943	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	6480	9.978	ng/ul	0.00
73) Anthracene-d10	17.541	188	69609	9.488	ng/ul	0.00
81) Pyrene-d10	19.827	212	93284	9.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	88979	9.159	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	1744	3.140	ng/uL#	69
5) Pyridine	3.934	79	10519	8.547	ng/ul	98
6) Benzaldehyde	7.212	77	7879	9.851	ng/ul#	86
8) Phenol	7.254	94	13178	8.107	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.494	93	10379	8.338	ng/ul	88
12) 2-Chlorophenol	7.641	128	10423	8.435	ng/ul	96
13) 2-Methylphenol	8.511	108	10152	8.130	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.605	45	15871	7.586	ng/ul#	94
16) Acetophenone	8.899	105	17371	8.842	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.875	70	8630	7.870	ng/ul#	96
18) 4-Methylphenol	8.840	108	11118	8.424	ng/ul	86
19) Hexachloroethane	9.169	117	4499	8.589	ng/ul#	82
22) Nitrobenzene	9.275	77	12774	10.554	ng/ul#	94
23) Isophorone	9.803	82	25083	8.788	ng/ul	98
25) 2-Nitrophenol	9.997	139	5814	11.862	ng/ul#	87
26) 2,4-Dimethylphenol	10.050	107	13346	9.020	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.285	93	13902	8.470	ng/ul	99
29) 2,4-Dichlorophenol	10.526	162	12352	9.956	ng/ul	95
30) Naphthalene	10.937	128	36035	9.171	ng/ul	98
32) 4-Chloroaniline	11.037	127	16109	9.527	ng/ul	93
33) Hexachlorobutadiene	11.231	225	12471	12.112	ng/ul	96
34) Caprolactam	11.789	113	3296	9.492	ng/ul#	71
35) 4-Chloro-3-methylphenol	12.154	107	11809	9.020	ng/ul	97
36) 2-Methylnaphthalene	12.536	142	26797	9.655	ng/ul	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.753	142	27065	9.802	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.906	216	22915	10.802	ng/ul#	96
40) Hexachlorocyclopentadiene	12.888	237	10237	7.098	ng/ul	92
41) 2,4,6-Trichlorophenol	13.141	196	11195	9.261	ng/ul	97
42) 2,4,5-Trichlorophenol	13.211	196	13297	10.227	ng/ul	95
43) 1,1'-Biphenyl	13.540	154	39453	8.993	ng/ul	96
44) 2-Chloronaphthalene	13.581	162	32766	9.588	ng/ul	98
45) 2-Nitroaniline	13.775	65	7669	10.555	ng/ul	92
47) Dimethylphthalate	14.145	163	43797	9.815	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	8200	12.593	ng/ul	92
50) Acenaphthylene	14.422	152	49489	8.864	ng/ul	97
51) 3-Nitroaniline	14.592	138	7027	11.270	ng/ul#	94
52) Acenaphthene	14.768	153	34151	9.216	ng/ul	99
53) 2,4-Dinitrophenol	14.809	184	2108	6.136	ng/ul#	55
55) 4-Nitrophenol	14.892	109	4845	8.012	ng/ul	96
56) Dibenzofuran	15.097	168	51930	9.689	ng/ul	100
57) 2,4-Dinitrotoluene	15.050	165	11927	13.112	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.321	232	10925	9.483	ng/ul#	94
59) Diethylphthalate	15.509	149	42181	9.135	ng/ul	96
61) Fluorene	15.744	166	42757	9.735	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	27249	11.059	ng/ul	91
63) 4-Nitroaniline	15.749	138	6589	10.947	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.814	198	6388	10.576	ng/ul#	94
67) N-Nitrosodiphenylamine	15.949	169	37880	8.541	ng/ul	96
68) 4-Bromophenyl-phenylether	16.631	248	18911	10.499	ng/ul	94
69) Hexachlorobenzene	16.754	284	22746	11.696	ng/ul#	92
70) Atrazine	16.889	200	18547	9.480	ng/ul	98
71) Pentachlorophenol	17.101	266	6810	5.892	ng/ul	88
72) Phenanthrene	17.489	178	76186	9.092	ng/ul	97
74) Anthracene	17.577	178	78092	9.133	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.511	216	26032	10.134	ng/uL	96
76) Pentachlorobenzene	15.021	250	24320	10.541	ng/uL	95
77) Carbazole	17.841	167	64169	8.609	ng/ul	99
78) Di-n-butylphthalate	18.405	149	71505	7.672	ng/ul	99
80) Fluoranthene	19.492	202	103484	8.943	ng/ul#	93
82) Pyrene	19.856	202	105555	9.203	ng/ul#	94
83) Butylbenzylphthalate	20.738	149	29915	7.167	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.613	252	36510	8.774	ng/ul	97
85) Benzo(a)anthracene	21.701	228	109546	9.264	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.613	149	43144	7.039	ng/ul#	94
87) Chrysene	21.766	228	104669	9.260	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	73853	6.988	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	111609	9.158	ng/ul#	96
91) Benzo(k)fluoranthene	24.010	252	106875	9.208	ng/ul	99
93) Benzo(a)pyrene	24.827	252	104981	8.919	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.693	276	125761	9.315	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.758	278	106123m	9.154	ng/ul	
96) Benzo(g,h,i)perylene	29.868	276	107280m	9.421	ng/ul	

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

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