Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011023\
Data File : BG056243.D
Acq On : 10 Jan 2023 14:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 00:55:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020590

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/11/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.328	152	57449	20.000	ng/ul	0.00
20) Naphthalene-d8	11.160	136	223230	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.938	164	177816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.676	188	435297	20.000	ng/ul	0.00
79) Chrysene-d12	21.977	240	400088	20.000	ng/ul	0.00
88) Perylene-d12	25.438	264	440950	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.628	96	9556m	7.534	ng/uL	0.00
4) Pyridine-d5	4.063	84	71756	17.709	ng/ul	0.00
7) Phenol-d5	7.459	99	91808	18.114	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.635	67	38598	18.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.853	132	62372	18.392	ng/ul	0.00
15) 4-Methylphenol-d8	9.022	113	70751	17.519	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	33071	18.761	ng/ul	0.00
24) 2-Nitrophenol-d4	10.226	143	41699	18.088	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.767	165	83663	18.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	93951	18.168	ng/ul	0.00
46) Dimethylphthalate-d6	14.327	166	259933	18.423	ng/ul	0.00
49) Acenaphthylene-d8	14.639	160	294970	19.031	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	36476	16.377	ng/ul	0.00
60) Fluorene-d10	15.925	176	240509	18.250	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.031	200	50779	16.603	ng/ul	0.00
73) Anthracene-d10	17.776	188	370332	18.510	ng/ul	0.00
81) Pyrene-d10	20.044	212	442882	18.920	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.191	264	419752	18.563	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.669	88	10157	7.183	ng/uL	97
5) Pyridine	4.080	79	69906	17.624	ng/ul	96
6) Benzaldehyde	7.453	77	35471m	19.949	ng/ul	
8) Phenol	7.482	94	91303	18.242	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.729	93	65441	18.884	ng/ul	96
12) 2-Chlorophenol	7.888	128	62769	18.824	ng/ul	95
13) 2-Methylphenol	8.757	108	70374	18.301	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.845	45	12396m	19.682	ng/ul	
16) Acetophenone	9.157	105	110702	17.816	ng/ul#	96
17) N-Nitroso-di-n-propyla...	9.133	70	48979	17.795	ng/ul	96
18) 4-Methylphenol	9.086	108	75673	18.119	ng/ul	99
19) Hexachloroethane	9.427	117	26089	20.102	ng/ul	94
22) Nitrobenzene	9.545	77	76749	19.173	ng/ul	93
23) Isophorone	10.068	82	151000	17.895	ng/ul	100
25) 2-Nitrophenol	10.261	139	39895	17.934	ng/ul	97
26) 2,4-Dimethylphenol	10.303	107	84300	18.503	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.543	93	88012	18.621	ng/ul	96
29) 2,4-Dichlorophenol	10.796	162	79641	18.382	ng/ul	96
30) Naphthalene	11.213	128	217800	18.641	ng/ul	99
32) 4-Chloroaniline	11.313	127	92783	17.562	ng/ul	100
33) Hexachlorobutadiene	11.489	225	73020	19.647	ng/ul	97
34) Caprolactam	12.053	113	23177m	17.045	ng/ul	
35) 4-Chloro-3-methylphenol	12.400	107	76436	17.983	ng/ul	96
36) 2-Methylnaphthalene	12.794	142	165120	18.502	ng/ul	98

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37) 1-Methylnaphthalene	13.011	142	165890	18.074	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.152	216	134544	19.546	ng/ul	99
40) Hexachlorocyclopentadiene	13.129	237	79455	16.980	ng/ul	98
41) 2,4,6-Trichlorophenol	13.381	196	80610	18.445	ng/ul	96
42) 2,4,5-Trichlorophenol	13.452	196	85375	17.961	ng/ul	98
43) 1,1'-Biphenyl	13.781	154	247041	19.303	ng/ul	98
44) 2-Chloronaphthalene	13.828	162	200493	19.100	ng/ul	99
45) 2-Nitroaniline	14.022	65	36951	18.447	ng/ul	91
47) Dimethylphthalate	14.380	163	253599	18.186	ng/ul	99
48) 2,6-Dinitrotoluene	14.504	165	53050	18.118	ng/ul#	92
50) Acenaphthylene	14.668	152	296703	18.900	ng/ul	98
51) 3-Nitroaniline	14.833	138	39678	17.894	ng/ul	91
52) Acenaphthene	15.003	153	204347	18.811	ng/ul	98
53) 2,4-Dinitrophenol	15.038	184	28606	13.662	ng/ul#	83
55) 4-Nitrophenol	15.120	109	33570	16.113	ng/ul	97
56) Dibenzofuran	15.338	168	315421	18.783	ng/ul	100
57) 2,4-Dinitrotoluene	15.285	165	75051	17.989	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.555	232	78611	17.081	ng/ul	97
59) Diethylphthalate	15.726	149	232901	17.963	ng/ul	98
61) Fluorene	15.978	166	249190	18.425	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.961	204	158034	18.688	ng/ul	98
63) 4-Nitroaniline	15.984	138	33926	16.723	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.049	198	48076	16.469	ng/ul	100
67) N-Nitrosodiphenylamine	16.172	169	219981	18.938	ng/ul	99
68) 4-Bromophenyl-phenylether	16.860	248	104996	18.804	ng/ul	98
69) Hexachlorobenzene	16.983	284	103399	18.702	ng/ul	99
70) Atrazine	17.106	200	95947	18.121	ng/ul	98
71) Pentachlorophenol	17.324	266	52080	14.769	ng/ul	99
72) Phenanthrene	17.723	178	415813	18.736	ng/ul	100
74) Anthracene	17.811	178	418302	18.564	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.752	216	134263	20.465	ng/uL	98
76) Pentachlorobenzene	15.256	250	133163	19.837	ng/uL	94
77) Carbazole	18.076	167	343960	18.596	ng/ul	100
78) Di-n-butylphthalate	18.605	149	353437	18.109	ng/ul	99
80) Fluoranthene	19.709	202	518994	18.748	ng/ul	99
82) Pyrene	20.068	202	514552	18.585	ng/ul	100
83) Butylbenzylphthalate	20.931	149	151395	18.644	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.854	252	186638	19.729	ng/ul	99
85) Benzo(a)anthracene	21.954	228	516706	18.729	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.819	149	219178	18.667	ng/ul#	97
87) Chrysene	22.024	228	477602	18.617	ng/ul	99
89) Di-n-octyl phthalate	23.111	149	377088	18.627	ng/ul	100
90) Benzo(b)fluoranthene	24.327	252	551238	18.724	ng/ul	98
91) Benzo(k)fluoranthene	24.398	252	525058	18.227	ng/ul	100
93) Benzo(a)pyrene	25.273	252	470940	18.271	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.404	276	612937	18.077	ng/ul	98
95) Dibenzo(a,h)anthracene	29.474	278	510402	18.012	ng/ul	99
96) Benzo(g,h,i)perylene	30.655	276	491740	17.940	ng/ul#	98

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

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