Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056206.D
Acq On : 4 Jan 2023 19:10
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 05 01:04:31 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 :
SICV406

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/05/2023
Supervised By :mohammad ahmed

01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	48258	20.000	ng/ul	0.00
20) Naphthalene-d8	11.168	136	193345	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	164543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.678	188	436323	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	409184	20.000	ng/ul	0.00
88) Perylene-d12	25.439	264	442094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	8924m	8.375	ng/uL	0.00
4) Pyridine-d5	4.070	84	67103	19.715	ng/ul	0.00
7) Phenol-d5	7.466	99	81376	19.114	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.642	67	33680	19.292	ng/ul	0.00
11) 2-Chlorophenol-d4	7.860	132	55912	19.627	ng/ul	0.00
15) 4-Methylphenol-d8	9.029	113	65036	19.171	ng/ul	0.00
21) Nitrobenzene-d5	9.511	128	28758	18.836	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	38950	19.508	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.774	165	77949	19.585	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	87856	19.615	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	255508	19.570	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	278347	19.408	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	40801	19.797	ng/ul	0.00
60) Fluorene-d10	15.927	176	247365	20.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	59171	19.301	ng/ul	0.00
73) Anthracene-d10	17.777	188	403844	20.138	ng/ul	0.00
81) Pyrene-d10	20.045	212	477417	19.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.198	264	450006	19.849	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	10074	8.481	ng/uL#	91
5) Pyridine	4.088	79	64826	19.456	ng/ul#	95
6) Benzaldehyde	7.460	77	33334	22.317	ng/ul	98
8) Phenol	7.489	94	84613	20.125	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.736	93	59021	20.276	ng/ul	98
12) 2-Chlorophenol	7.889	128	58485	20.880	ng/ul	98
13) 2-Methylphenol	8.764	108	64246	19.890	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.853	45	10927	20.653	ng/ul#	77
16) Acetophenone	9.158	105	101657	19.477	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.135	70	46678	20.189	ng/ul	97
18) 4-Methylphenol	9.094	108	72195	20.579	ng/ul	93
19) Hexachloroethane	9.434	117	22373	20.522	ng/ul	87
22) Nitrobenzene	9.552	77	68223	19.678	ng/ul	98
23) Isophorone	10.069	82	146374	20.029	ng/ul	97
25) 2-Nitrophenol	10.269	139	39811	20.663	ng/ul	97
26) 2,4-Dimethylphenol	10.310	107	81404	20.629	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.545	93	81322	19.865	ng/ul	100
29) 2,4-Dichlorophenol	10.803	162	75679	20.167	ng/ul	97
30) Naphthalene	11.220	128	203431	20.102	ng/ul	99
32) 4-Chloroaniline	11.320	127	90882	19.861	ng/ul	95
33) Hexachlorobutadiene	11.497	225	67591	20.998	ng/ul	91
34) Caprolactam	12.061	113	24640m	20.922	ng/ul	
35) 4-Chloro-3-methylphenol	12.407	107	74215	20.159	ng/ul	96
36) 2-Methylnaphthalene	12.795	142	159770	20.669	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	159077	20.011	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.159	216	130896	20.550	ng/ul	98
40) Hexachlorocyclopentadiene	13.136	237	75754	17.495	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.383	196	83214	20.576	ng/ul	97
42) 2,4,5-Trichlorophenol	13.459	196	88041	20.015	ng/ul	99
43) 1,1'-Biphenyl	13.782	154	235572	19.891	ng/ul	98
44) 2-Chloronaphthalene	13.835	162	196512	20.231	ng/ul	100
45) 2-Nitroaniline	14.023	65	39084	21.085	ng/ul	92
47) Dimethylphthalate	14.381	163	263489	20.420	ng/ul	99
48) 2,6-Dinitrotoluene	14.505	165	55097	20.336	ng/ul	97
50) Acenaphthylene	14.675	152	289775	19.948	ng/ul	100
51) 3-Nitroaniline	14.834	138	43458	21.180	ng/ul	94
52) Acenaphthene	15.010	153	206382	20.531	ng/ul	98
53) 2,4-Dinitrophenol	15.039	184	41001	21.162	ng/ul#	93
55) 4-Nitrophenol	15.128	109	39542	20.511	ng/ul	96
56) Dibenzofuran	15.339	168	315221	20.285	ng/ul	99
57) 2,4-Dinitrotoluene	15.286	165	80747	20.915	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.557	232	87913	20.643	ng/ul	98
59) Diethylphthalate	15.733	149	251143	20.933	ng/ul	98
61) Fluorene	15.985	166	258334	20.642	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.968	204	161557	20.645	ng/ul	95
63) 4-Nitroaniline	15.991	138	41909	22.325	ng/ul	98
66) 4,6-Dinitro-2-methylph...	16.050	198	57884	19.782	ng/ul	98
67) N-Nitrosodiphenylamine	16.179	169	242065	20.790	ng/ul	98
68) 4-Bromophenyl-phenylether	16.861	248	114189	20.403	ng/ul	98
69) Hexachlorobenzene	16.984	284	111857	20.184	ng/ul	98
70) Atrazine	17.108	200	104097	19.614	ng/ul	99
71) Pentachlorophenol	17.325	266	69911	19.778	ng/ul	91
72) Phenanthrene	17.725	178	461137	20.729	ng/ul	100
74) Anthracene	17.813	178	467792	20.712	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.759	216	132944	20.216	ng/uL	99
76) Pentachlorobenzene	15.257	250	147242	21.883	ng/uL	95
77) Carbazole	18.077	167	389781	21.024	ng/ul	99
78) Di-n-butylphthalate	18.606	149	413810	21.152	ng/ul	100
80) Fluoranthene	19.710	202	590763	20.866	ng/ul	99
82) Pyrene	20.075	202	588790	20.794	ng/ul	99
83) Butylbenzylphthalate	20.933	149	169785	20.444	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.855	252	207403	21.437	ng/ul	99
85) Benzo(a)anthracene	21.955	228	578461	20.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	244113	20.329	ng/ul	96
87) Chrysene	22.025	228	543283	20.706	ng/ul	99
89) Di-n-octyl phthalate	23.112	149	410452	20.222	ng/ul	100
90) Benzo(b)fluoranthene	24.329	252	597548	20.245	ng/ul	100
91) Benzo(k)fluoranthene	24.399	252	580610	20.103	ng/ul	99
93) Benzo(a)pyrene	25.275	252	517460	20.024	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.411	276	615409	18.103	ng/ul	99
95) Dibenzo(a,h)anthracene	29.481	278	555260	19.544	ng/ul	99
96) Benzo(g,h,i)perylene	30.656	276	534557	19.451	ng/ul	99

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

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