Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056201.D
Acq On : 4 Jan 2023 15:40
Operator : CG/JU
Sample : SSTD01048
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 05 00:18:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 00:14:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010401

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	8.337	152	44880	20.000	ng/ul		0.00
20) Naphthalene-d8	11.169	136	176548	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.947	164	150363	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.679	188	410825	20.000	ng/ul		0.00
79) Chrysene-d12	21.974	240	381390	20.000	ng/ul	#	0.00
88) Perylene-d12	25.435	264	406008	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.637	96	4121	3.844	ng/uL		0.00
4) Pyridine-d5	4.071	84	32797	9.382	ng/ul		0.00
7) Phenol-d5	7.467	99	39099	9.604	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.638	67	16619	10.358	ng/ul		0.00
11) 2-Chlorophenol-d4	7.861	132	27679	11.504	ng/ul		0.00
15) 4-Methylphenol-d8	9.024	113	31496	10.280	ng/ul		0.00
21) Nitrobenzene-d5	9.506	128	14365	11.171	ng/ul		0.00
24) 2-Nitrophenol-d4	10.235	143	18750	11.160	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.775	165	36300	9.723	ng/ul		0.00
31) 4-Chloroaniline-d4	11.292	131	43504	10.302	ng/ul		0.00
46) Dimethylphthalate-d6	14.330	166	127804	10.982	ng/ul		0.00
49) Acenaphthylene-d8	14.641	160	138195	10.515	ng/ul		0.00
54) 4-Nitrophenol-d4	15.106	143	20103	11.476	ng/ul		0.00
60) Fluorene-d10	15.928	176	119022	10.361	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.034	200	26697	10.109	ng/ul		0.00
73) Anthracene-d10	17.779	188	200005	10.535	ng/ul		0.00
81) Pyrene-d10	20.041	212	240294	11.408	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.188	264	215865	10.460	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.678	88	4697	3.916	ng/uL	#	91
5) Pyridine	4.095	79	31280m	9.304	ng/ul		
6) Benzaldehyde	7.462	77	14942	9.998	ng/ul		98
8) Phenol	7.491	94	38886	9.598	ng/ul	#	92
10) Bis(2-Chloroethyl)ether	7.738	93	28449	10.667	ng/ul		95
12) 2-Chlorophenol	7.890	128	27385	11.331	ng/ul		94
13) 2-Methylphenol	8.766	108	28586	9.397	ng/ul		86
14) 2,2'-oxybis(1-Chloropr...	8.860	45	4870m	14.217	ng/ul		
16) Acetophenone	9.160	105	50450	9.941	ng/ul		98
17) N-Nitroso-di-n-propyla...	9.130	70	22340	10.411	ng/ul		93
18) 4-Methylphenol	9.089	108	31784	9.646	ng/ul		94
19) Hexachloroethane	9.436	117	10530	10.837	ng/ul		98
22) Nitrobenzene	9.553	77	32493	10.184	ng/ul	#	93
23) Isophorone	10.070	82	69949	9.588	ng/ul		95
25) 2-Nitrophenol	10.264	139	18598	11.468	ng/ul		98
26) 2,4-Dimethylphenol	10.311	107	37937	9.886	ng/ul		97
27) Bis(2-Chloroethoxy)met...	10.546	93	39758	10.516	ng/ul		98
29) 2,4-Dichlorophenol	10.805	162	35069	9.835	ng/ul		97
30) Naphthalene	11.222	128	97706	10.621	ng/ul		99
32) 4-Chloroaniline	11.316	127	43327	10.182	ng/ul		94
33) Hexachlorobutadiene	11.492	225	30466	9.118	ng/ul		94
34) Caprolactam	12.056	113	11495	10.083	ng/ul		93
35) 4-Chloro-3-methylphenol	12.403	107	35590	10.389	ng/ul		91
36) 2-Methylnaphthalene	12.797	142	72016	9.765	ng/ul		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.014	142	76355	10.277	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.155	216	61041	9.843	ng/ul	98
40) Hexachlorocyclopentadiene	13.137	237	34631	8.613	ng/ul	95
41) 2,4,6-Trichlorophenol	13.390	196	37214	10.182	ng/ul	90
42) 2,4,5-Trichlorophenol	13.455	196	42295	10.673	ng/ul	96
43) 1,1'-Biphenyl	13.784	154	112875	10.618	ng/ul	97
44) 2-Chloronaphthalene	13.831	162	92464	10.494	ng/ul	97
45) 2-Nitroaniline	14.024	65	17406	14.226	ng/ul	92
47) Dimethylphthalate	14.377	163	130020	11.267	ng/ul	98
48) 2,6-Dinitrotoluene	14.506	165	25913	11.376	ng/ul#	87
50) Acenaphthylene	14.671	152	142212	10.889	ng/ul	98
51) 3-Nitroaniline	14.835	138	19601	11.456	ng/ul	91
52) Acenaphthene	15.012	153	95289	10.386	ng/ul	97
53) 2,4-Dinitrophenol	15.041	184	15563	8.778	ng/ul#	95
55) 4-Nitrophenol	15.123	109	17832	10.463	ng/ul	91
56) Dibenzofuran	15.341	168	151703	10.563	ng/ul	98
57) 2,4-Dinitrotoluene	15.288	165	38476	12.181	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.558	232	40114	10.240	ng/ul	95
59) Diethylphthalate	15.728	149	119069	11.549	ng/ul	98
61) Fluorene	15.981	166	123051	10.431	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.969	204	77064	10.055	ng/ul	93
63) 4-Nitroaniline	15.993	138	16890	10.345	ng/ul#	93
66) 4,6-Dinitro-2-methylph...	16.046	198	26383	10.420	ng/ul#	93
67) N-Nitrosodiphenylamine	16.175	169	112006	10.760	ng/ul	98
68) 4-Bromophenyl-phenylether	16.862	248	54082	10.384	ng/ul	96
69) Hexachlorobenzene	16.986	284	53137	10.541	ng/ul	98
70) Atrazine	17.109	200	52520	10.582	ng/ul	97
71) Pentachlorophenol	17.321	266	32502	10.141	ng/ul	98
72) Phenanthrene	17.720	178	219697	10.534	ng/ul	98
74) Anthracene	17.814	178	223999	10.492	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.754	216	60842	9.763	ng/uL	99
76) Pentachlorobenzene	15.258	250	61950	10.071	ng/uL	99
77) Carbazole	18.073	167	184328	10.560	ng/ul	99
78) Di-n-butylphthalate	18.607	149	197009	12.353	ng/ul	99
80) Fluoranthene	19.712	202	284421	11.483	ng/ul	98
82) Pyrene	20.070	202	287428	11.504	ng/ul	99
83) Butylbenzylphthalate	20.928	149	79843	15.016	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.856	252	102493	11.961	ng/ul	97
85) Benzo(a)anthracene	21.956	228	275789	10.594	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.821	149	113965	13.991	ng/ul	99
87) Chrysene	22.027	228	258084	10.683	ng/ul	99
89) Di-n-octyl phthalate	23.108	149	197148	13.121	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	285381	10.647	ng/ul	99
91) Benzo(k)fluoranthene	24.395	252	275727	10.542	ng/ul	97
93) Benzo(a)pyrene	25.270	252	246104	10.537	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.401	276	316917	10.302	ng/ul	97
95) Dibenzo(a,h)anthracene	29.471	278	267821	10.409	ng/ul	99
96) Benzo(g,h,i)perylene	30.652	276	258451	10.454	ng/ul	98

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

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