Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057389.D
Acq On : 11 May 2023 4:33
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020485

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

Quant Time: May 11 05:52:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	16556	20.000	ng/ul	0.00
20) Naphthalene-d8	11.203	136	66919	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.980	164	51282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.718	188	129335	20.000	ng/ul	0.00
79) Chrysene-d12	22.024	240	122156	20.000	ng/ul	0.00
88) Perylene-d12	25.531	264	131322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	2948	7.836	ng/uL	0.00
4) Pyridine-d5	4.089	84	21385	18.029	ng/ul	0.00
7) Phenol-d5	7.502	99	30033	19.182	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	16663	18.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.890	132	21104	20.454	ng/ul	0.00
15) 4-Methylphenol-d8	9.065	113	23674	19.894	ng/ul	0.00
21) Nitrobenzene-d5	9.541	128	11463	21.510	ng/ul	0.00
24) 2-Nitrophenol-d4	10.269	143	14013	22.531	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.815	165	27732	23.112	ng/ul	0.00
31) 4-Chloroaniline-d4	11.332	131	34141	21.468	ng/ul	0.00
46) Dimethylphthalate-d6	14.364	166	86803	21.362	ng/ul	0.00
49) Acenaphthylene-d8	14.675	160	99125	21.705	ng/ul	0.00
54) 4-Nitrophenol-d4	15.168	143	11260	19.037	ng/ul	0.00
60) Fluorene-d10	15.961	176	81549	21.543	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	15351	20.033	ng/ul	0.00
73) Anthracene-d10	17.812	188	130367	22.083	ng/ul	0.00
81) Pyrene-d10	20.079	212	151423	20.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.290	264	140489	20.998	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	3242	8.126	ng/uL#	79
5) Pyridine	4.107	79	23038	18.426	ng/ul	94
6) Benzaldehyde	7.490	77	8794m	18.390	ng/ul	
8) Phenol	7.532	94	31207	19.775	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.761	93	22672	19.196	ng/ul	94
12) 2-Chlorophenol	7.925	128	22394	20.663	ng/ul	94
13) 2-Methylphenol	8.806	108	23350	19.092	ng/ul	84
14) 2,2'-oxybis(1-Chloropr...	8.877	45	25796	16.940	ng/ul	97
16) Acetophenone	9.194	105	39671	19.374	ng/ul#	96
17) N-Nitroso-di-n-propyla...	9.165	70	20809	17.684	ng/ul#	95
18) 4-Methylphenol	9.129	108	26098	19.715	ng/ul	97
19) Hexachloroethane	9.464	117	9460	20.863	ng/ul	90
22) Nitrobenzene	9.588	77	31511	19.857	ng/ul	96
23) Isophorone	10.105	82	59037	19.553	ng/ul	97
25) 2-Nitrophenol	10.304	139	13789	21.889	ng/ul	95
26) 2,4-Dimethylphenol	10.345	107	30424	21.290	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.575	93	32403	20.646	ng/ul	99
29) 2,4-Dichlorophenol	10.845	162	26712	23.454	ng/ul	97
30) Naphthalene	11.250	128	78982	21.496	ng/ul	97
32) 4-Chloroaniline	11.356	127	34685	20.932	ng/ul	100
33) Hexachlorobutadiene	11.526	225	22073	22.850	ng/ul	95
34) Caprolactam	12.096	113	7859	20.497	ng/ul	97
35) 4-Chloro-3-methylphenol	12.448	107	28371	21.650	ng/ul	98
36) 2-Methylnaphthalene	12.830	142	57374	21.293	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.048	142	58946	21.757	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.189	216	42781	22.956	ng/ul	99
40) Hexachlorocyclopentadiene	13.165	237	16499	17.741	ng/ul	90
41) 2,4,6-Trichlorophenol	13.424	196	23565	21.712	ng/ul	97
42) 2,4,5-Trichlorophenol	13.506	196	25861	22.193	ng/ul	92
43) 1,1'-Biphenyl	13.817	154	85449	21.837	ng/ul	99
44) 2-Chloronaphthalene	13.864	162	66693	21.982	ng/ul	96
45) 2-Nitroaniline	14.064	65	19931	21.760	ng/ul	89
47) Dimethylphthalate	14.410	163	86785	21.268	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	18466	21.990	ng/ul	96
50) Acenaphthylene	14.704	152	100561	21.668	ng/ul	99
51) 3-Nitroaniline	14.875	138	13005	21.856	ng/ul	100
52) Acenaphthene	15.039	153	70916	21.446	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	5105	11.415	ng/ul	99
55) 4-Nitrophenol	15.180	109	11913	17.767	ng/ul	94
56) Dibenzofuran	15.368	168	104456	21.875	ng/ul	100
57) 2,4-Dinitrotoluene	15.333	165	27171	22.602	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.597	232	23875	22.548	ng/ul	98
59) Diethylphthalate	15.756	149	87148	21.021	ng/ul	99
61) Fluorene	16.020	166	88721	21.973	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.997	204	51301	21.768	ng/ul	96
63) 4-Nitroaniline	16.032	138	9153	16.244	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.096	198	14898	19.079	ng/ul	100
67) N-Nitrosodiphenylamine	16.208	169	73660	21.803	ng/ul	98
68) 4-Bromophenyl-phenylether	16.889	248	34260	22.163	ng/ul	95
69) Hexachlorobenzene	17.025	284	35968	22.096	ng/ul	97
70) Atrazine	17.142	200	33069	22.024	ng/ul	97
71) Pentachlorophenol	17.371	266	15461m	20.548	ng/ul	
72) Phenanthrene	17.759	178	146199	21.707	ng/ul	99
74) Anthracene	17.853	178	148241	21.911	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.788	216	44517	22.884	ng/uL	99
76) Pentachlorobenzene	15.292	250	45186	22.820	ng/uL	97
77) Carbazole	18.117	167	126385	22.354	ng/ul	98
78) Di-n-butylphthalate	18.634	149	144738	22.387	ng/ul	99
80) Fluoranthene	19.750	202	182306	21.166	ng/ul	97
82) Pyrene	20.109	202	185434	21.267	ng/ul	98
83) Butylbenzylphthalate	20.960	149	62736	22.467	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.900	252	66741	24.601	ng/ul	95
85) Benzo(a)anthracene	22.006	228	186736	21.614	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.847	149	92312	22.730	ng/ul	95
87) Chrysene	22.077	228	176744	21.684	ng/ul	98
89) Di-n-octyl phthalate	23.146	149	154120	21.252	ng/ul	100
90) Benzo(b)fluoranthene	24.409	252	186682	20.528	ng/ul	98
91) Benzo(k)fluoranthene	24.479	252	185361	20.951	ng/ul	97
93) Benzo(a)pyrene	25.360	252	163099	20.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.572	276	205439	20.933	ng/ul	99
95) Dibenzo(a,h)anthracene	29.625	278	169289	20.803	ng/ul	99
96) Benzo(g,h,i)perylene	30.841	276	164702	20.736	ng/ul	99

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

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