Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057295.D
Acq On : 3 May 2023 21:23
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020473

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 04:13:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	14638	20.000	ng/ul	0.00
20) Naphthalene-d8	11.217	136	62806	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.994	164	49354	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	123776	20.000	ng/ul	0.00
79) Chrysene-d12	22.055	240	96298	20.000	ng/ul	0.00
88) Perylene-d12	25.585	264	103849	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	2311	6.947	ng/uL	0.00
4) Pyridine-d5	4.097	84	19837	18.916	ng/ul	0.00
7) Phenol-d5	7.522	99	30020	21.686	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	15225	18.699	ng/ul	0.00
11) 2-Chlorophenol-d4	7.903	132	20456	22.423	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	22750	21.623	ng/ul	0.00
21) Nitrobenzene-d5	9.560	128	10160	20.313	ng/ul	0.00
24) 2-Nitrophenol-d4	10.283	143	12679	21.721	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	26575	23.598	ng/ul	0.00
31) 4-Chloroaniline-d4	11.346	131	32469	21.754	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	82287	21.042	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	98481	22.406	ng/ul	0.00
54) 4-Nitrophenol-d4	15.182	143	10266	18.035	ng/ul	0.00
60) Fluorene-d10	15.981	176	82361	22.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	10007	13.646	ng/ul	0.00
73) Anthracene-d10	17.837	188	126761	22.436	ng/ul	0.00
81) Pyrene-d10	20.099	212	131989	23.091	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.339	264	113850	21.518	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.697	88	2983	8.456	ng/uL#	69
5) Pyridine	4.114	79	21738	19.664	ng/ul	86
6) Benzaldehyde	7.504	77	9923m	23.469	ng/ul	
8) Phenol	7.551	94	29433	21.095	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.774	93	20752	19.872	ng/ul	99
12) 2-Chlorophenol	7.939	128	21600	22.542	ng/ul	98
13) 2-Methylphenol	8.814	108	21844	20.201	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.896	45	24491	18.190	ng/ul#	92
16) Acetophenone	9.208	105	37380	20.647	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.178	70	19903	19.130	ng/ul	94
18) 4-Methylphenol	9.149	108	25124	21.466	ng/ul	99
19) Hexachloroethane	9.478	117	9057	22.591	ng/ul	100
22) Nitrobenzene	9.601	77	30329	20.364	ng/ul	96
23) Isophorone	10.118	82	54340	19.176	ng/ul	99
25) 2-Nitrophenol	10.318	139	13171	22.278	ng/ul	98
26) 2,4-Dimethylphenol	10.365	107	28902	21.549	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.594	93	28294	19.208	ng/ul	99
29) 2,4-Dichlorophenol	10.858	162	25491	23.847	ng/ul	96
30) Naphthalene	11.269	128	76289	22.123	ng/ul	98
32) 4-Chloroaniline	11.369	127	33103	21.285	ng/ul	97
33) Hexachlorobutadiene	11.540	225	21037	23.204	ng/ul	94
34) Caprolactam	12.121	113	7662	21.292	ng/ul	96
35) 4-Chloro-3-methylphenol	12.468	107	28027	22.788	ng/ul	96
36) 2-Methylnaphthalene	12.844	142	56194	22.221	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.061	142	55618	21.872	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.208	216	41390	23.077	ng/ul	99
40) Hexachlorocyclopentadiene	13.179	237	10495	11.726	ng/ul	95
41) 2,4,6-Trichlorophenol	13.443	196	25436	24.351	ng/ul	94
42) 2,4,5-Trichlorophenol	13.525	196	25653	22.874	ng/ul	97
43) 1,1'-Biphenyl	13.831	154	83126	22.073	ng/ul	99
44) 2-Chloronaphthalene	13.884	162	66160	22.658	ng/ul	98
45) 2-Nitroaniline	14.077	65	20132	22.838	ng/ul	94
47) Dimethylphthalate	14.424	163	83691	21.311	ng/ul	99
48) 2,6-Dinitrotoluene	14.559	165	17917	22.169	ng/ul	99
50) Acenaphthylene	14.724	152	101256	22.670	ng/ul	99
51) 3-Nitroaniline	14.894	138	14449	25.232	ng/ul	88
52) Acenaphthene	15.058	153	70968	22.300	ng/ul	98
53) 2,4-Dinitrophenol	15.111	184	4427	10.286	ng/ul	93
55) 4-Nitrophenol	15.199	109	12086	18.729	ng/ul	91
56) Dibenzofuran	15.387	168	102905	22.392	ng/ul	97
57) 2,4-Dinitrotoluene	15.346	165	25848	22.341	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.617	232	23802	23.357	ng/ul	95
59) Diethylphthalate	15.769	149	84435	21.162	ng/ul	99
61) Fluorene	16.034	166	86473	22.253	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.010	204	50442	22.240	ng/ul	97
63) 4-Nitroaniline	16.045	138	11656m	21.494	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.122	198	10421	13.945	ng/ul#	92
67) N-Nitrosodiphenylamine	16.227	169	72466	22.413	ng/ul	99
68) 4-Bromophenyl-phenylether	16.903	248	33986	22.973	ng/ul	98
69) Hexachlorobenzene	17.044	284	36111	23.180	ng/ul	99
70) Atrazine	17.162	200	32123	22.354	ng/ul	98
71) Pentachlorophenol	17.391	266	13312m	18.487	ng/ul	
72) Phenanthrene	17.778	178	141490	21.951	ng/ul	99
74) Anthracene	17.866	178	142563	22.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.807	216	44458	23.880	ng/uL	96
76) Pentachlorobenzene	15.311	250	44104	23.274	ng/uL	97
77) Carbazole	18.131	167	119465	22.079	ng/ul	99
78) Di-n-butylphthalate	18.648	149	135547	21.907	ng/ul	99
80) Fluoranthene	19.770	202	161820	23.833	ng/ul#	96
82) Pyrene	20.128	202	158759	23.097	ng/ul	98
83) Butylbenzylphthalate	20.980	149	51422	23.360	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.926	252	49760	23.267	ng/ul	98
85) Benzo(a)anthracene	22.031	228	152442	22.383	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.873	149	73091	22.830	ng/ul	96
87) Chrysene	22.102	228	142272	22.141	ng/ul	99
89) Di-n-octyl phthalate	23.177	149	123089	21.464	ng/ul	100
90) Benzo(b)fluoranthene	24.446	252	157833	21.947	ng/ul	96
91) Benzo(k)fluoranthene	24.522	252	149174	21.321	ng/ul	99
93) Benzo(a)pyrene	25.415	252	135569	21.836	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.668	276	164136m	21.149	ng/ul	
95) Dibenzo(a,h)anthracene	29.709	278	139905m	21.740	ng/ul	
96) Benzo(g,h,i)perylene	30.931	276	127702m	20.331	ng/ul	

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

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