Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057390.D
Acq On : 11 May 2023 5:55
Operator : CG/JU
Sample : SP6191
Misc : SFAM SPIKE
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 11 06:34:58 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

Instrument :
BNA_G
ClientSampleId :
SP6191

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.363	152	19342	20.000	ng/ul		0.00
20) Naphthalene-d8	11.200	136	79366	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.977	164	59823	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.721	188	145707	20.000	ng/ul		0.00
79) Chrysene-d12	22.033	240	133027	20.000	ng/ul	#	0.00
88) Perylene-d12	25.534	264	147819	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL		
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	0.000	99	0	0.000	ng/ul		
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul		
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/ul		
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul		
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul		
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul		
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul		
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/ul		
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul		
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul		
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul		
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul		
81) Pyrene-d10	0.000	212	0	0.000	ng/ul		
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.681	88	12974	27.834	ng/uL	#	92
5) Pyridine	4.104	79	95634	65.470	ng/ul	#	87
6) Benzaldehyde	7.493	77	95180m	170.367	ng/ul		
8) Phenol	7.535	94	132838	72.052	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.764	93	91959	66.645	ng/ul		94
12) 2-Chlorophenol	7.928	128	97039	76.642	ng/ul		98
13) 2-Methylphenol	8.803	108	101123	70.774	ng/ul		90
14) 2,2'-oxybis(1-Chloropr...	8.886	45	104794	58.905	ng/ul	#	92
16) Acetophenone	9.197	105	156029	65.222	ng/ul		93
17) N-Nitroso-di-n-propyla...	9.174	70	84762	61.657	ng/ul		94
18) 4-Methylphenol	9.138	108	108144	69.925	ng/ul		97
19) Hexachloroethane	9.461	117	38379	72.448	ng/ul		96
22) Nitrobenzene	9.591	77	131365	69.798	ng/ul		99
23) Isophorone	10.113	82	238226	66.528	ng/ul		97
25) 2-Nitrophenol	10.307	139	57411	76.844	ng/ul		97
26) 2,4-Dimethylphenol	10.348	107	127044	74.960	ng/ul		94
27) Bis(2-Chloroethoxy)met...	10.578	93	127909	68.717	ng/ul		97
29) 2,4-Dichlorophenol	10.848	162	108273	80.157	ng/ul		97
30) Naphthalene	11.253	128	317508	72.862	ng/ul		97
32) 4-Chloroaniline	11.353	127	117360	59.717	ng/ul		99
33) Hexachlorobutadiene	11.523	225	87836	76.667	ng/ul		96
34) Caprolactam	12.134	113	32180m	70.767	ng/ul		
35) 4-Chloro-3-methylphenol	12.457	107	115027	74.011	ng/ul		97
36) 2-Methylnaphthalene	12.833	142	231429	72.420	ng/ul		97

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37) 1-Methylnaphthalene	13.051	142	233137	72.554	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.192	216	166132	76.419	ng/ul	97
40) Hexachlorocyclopentadiene	13.168	237	71292	65.714	ng/ul	95
41) 2,4,6-Trichlorophenol	13.427	196	100729	79.557	ng/ul	96
42) 2,4,5-Trichlorophenol	13.509	196	107043	78.744	ng/ul	93
43) 1,1'-Biphenyl	13.820	154	331406	72.602	ng/ul	99
44) 2-Chloronaphthalene	13.873	162	259994	73.458	ng/ul	97
45) 2-Nitroaniline	14.067	65	78808	73.757	ng/ul	89
47) Dimethylphthalate	14.413	163	337028	70.802	ng/ul	99
48) 2,6-Dinitrotoluene	14.549	165	74069	75.610	ng/ul	98
50) Acenaphthylene	14.707	152	396570	73.250	ng/ul	98
51) 3-Nitroaniline	14.883	138	67483	97.221	ng/ul	99
52) Acenaphthene	15.048	153	276131	71.584	ng/ul	99
53) 2,4-Dinitrophenol	15.095	184	36955	70.837	ng/ul	95
55) 4-Nitrophenol	15.189	109	49085	62.755	ng/ul	98
56) Dibenzofuran	15.377	168	400641	71.924	ng/ul	99
57) 2,4-Dinitrotoluene	15.336	165	105968	75.563	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.600	232	99001	80.149	ng/ul	98
59) Diethylphthalate	15.765	149	334551	69.177	ng/ul	98
61) Fluorene	16.023	166	336888	71.522	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.000	204	199318	72.500	ng/ul	99
63) 4-Nitroaniline	16.047	138	71745	109.147	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.099	198	67075	76.248	ng/ul	95
67) N-Nitrosodiphenylamine	16.217	169	285267	74.949	ng/ul	99
68) 4-Bromophenyl-phenylether	16.892	248	136116	78.159	ng/ul	96
69) Hexachlorobenzene	17.028	284	143589	78.298	ng/ul	98
70) Atrazine	17.151	200	125305	74.075	ng/ul	99
71) Pentachlorophenol	17.374	266	59728m	70.461	ng/ul	
72) Phenanthrene	17.762	178	549854	72.466	ng/ul	98
74) Anthracene	17.856	178	556331	72.991	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.791	216	172836	78.865	ng/uL	98
76) Pentachlorobenzene	15.301	250	170337	76.358	ng/uL	98
77) Carbazole	18.120	167	475834	74.704	ng/ul	99
78) Di-n-butylphthalate	18.637	149	547350	75.148	ng/ul	99
80) Fluoranthene	19.753	202	685610	73.096	ng/ul	98
82) Pyrene	20.112	202	693744	73.062	ng/ul	98
83) Butylbenzylphthalate	20.963	149	246622	81.104	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.903	252	270192	91.456	ng/ul	98
85) Benzo(a)anthracene	22.009	228	692078	73.560	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.850	149	349867	79.108	ng/ul	98
87) Chrysene	22.085	228	645488	72.719	ng/ul	98
89) Di-n-octyl phthalate	23.149	149	590387	72.326	ng/ul	100
90) Benzo(b)fluoranthene	24.418	252	727146	71.036	ng/ul	97
91) Benzo(k)fluoranthene	24.494	252	694447	69.732	ng/ul	99
93) Benzo(a)pyrene	25.375	252	636748	72.053	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.611	276	804112m	72.791	ng/ul	
95) Dibenzo(a,h)anthracene	29.663	278	656782	71.700	ng/ul	99
96) Benzo(g,h,i)perylene	30.885	276	641625	71.767	ng/ul	97

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

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