Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059577.D
Acq On : 1 Nov 2023 13:18
Operator : MA/JU
Sample : 04922-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EOAS3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 03:07:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.353	152	89288	20.000	ng/ul		0.00
20) Naphthalene-d8	11.208	136	423074	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.986	164	243163	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.736	188	511269	20.000	ng/ul		0.00
79) Chrysene-d12	22.072	240	374757	20.000	ng/ul	#	0.00
88) Perylene-d12	25.686	264	413047	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.658	96	6559	2.748	ng/uL		0.00
4) Pyridine-d5	4.099	84	9249	1.387	ng/ul		0.00
7) Phenol-d5	7.466	99	150313	16.382	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	63664	15.106	ng/ul		0.00
11) 2-Chlorophenol-d4	7.871	132	123320	16.567	ng/ul		0.00
15) 4-Methylphenol-d8	9.040	113	107559	14.776	ng/ul		0.00
21) Nitrobenzene-d5	9.557	128	63992	21.273	ng/ul		0.00
24) 2-Nitrophenol-d4	10.274	143	69369	22.463	ng/ul		-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	128703	18.916	ng/ul		0.00
31) 4-Chloroaniline-d4	11.349	131	136287	12.168	ng/ul		0.00
46) Dimethylphthalate-d6	14.381	166	395473	17.952	ng/ul		0.00
49) Acenaphthylene-d8	14.687	160	469102	18.145	ng/ul		0.00
54) 4-Nitrophenol-d4	15.151	143	72145	19.097	ng/ul		0.00
60) Fluorene-d10	15.973	176	353346	18.768	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	49775	20.558	ng/ul		0.00
73) Anthracene-d10	17.836	188	532061	19.209	ng/ul		0.00
81) Pyrene-d10	20.110	212	520731	19.991	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.433	264	472374	19.421	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.700	88	15816	5.921	ng/uL	#	79
6) Benzaldehyde	7.501	77	92024	22.267	ng/ul		92
8) Phenol	7.495	94	182213m	21.065	ng/ul		
10) Bis(2-Chloroethyl)ether	7.771	93	114737	18.088	ng/ul		97
12) 2-Chlorophenol	7.906	128	151762	20.565	ng/ul	#	88
13) 2-Methylphenol	8.776	108	119428	16.562	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.858	45	100088	16.767	ng/ul		97
16) Acetophenone	9.199	105	312045	27.194	ng/ul		95
17) N-Nitroso-di-n-propyla...	9.158	70	102972	19.045	ng/ul	#	97
18) 4-Methylphenol	9.105	108	145634	18.982	ng/ul		95
19) Hexachloroethane	9.446	117	63054	21.513	ng/ul		98
22) Nitrobenzene	9.598	77	159904	24.627	ng/ul		93
23) Isophorone	10.110	82	312769	19.128	ng/ul	#	94
25) 2-Nitrophenol	10.309	139	85219	25.658	ng/ul	#	79
26) 2,4-Dimethylphenol	10.327	107	40580	4.645	ng/ul	#	85
27) Bis(2-Chloroethoxy)met...	10.591	93	173718	19.080	ng/ul		97
29) 2,4-Dichlorophenol	10.826	162	148827	22.609	ng/ul		95
30) Naphthalene	11.255	128	543714	20.619	ng/ul		99
32) 4-Chloroaniline	11.373	127	150173	14.115	ng/ul		92
33) Hexachlorobutadiene	11.490	225	86090	21.801	ng/ul		98
34) Caprolactam	12.143	113	49785m	20.674	ng/ul		
35) 4-Chloro-3-methylphenol	12.436	107	173715	22.118	ng/ul		96
36) 2-Methylnaphthalene	12.836	142	374166	20.625	ng/ul		96
37) 1-Methylnaphthalene	13.053	142	369514	20.450	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.177	216	168991	24.095	ng/ul	95
40) Hexachlorocyclopentadiene	13.130	237	39307	9.614	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.418	196	115792	23.843	ng/ul	86
42) 2,4,5-Trichlorophenol	13.482	196	130110	24.746	ng/ul	90
43) 1,1'-Biphenyl	13.823	154	485624	22.076	ng/ul	96
44) 2-Chloronaphthalene	13.876	162	380955	22.282	ng/ul	96
45) 2-Nitroaniline	14.087	65	93629	29.432	ng/ul	97
47) Dimethylphthalate	14.428	163	464387	21.336	ng/ul	98
48) 2,6-Dinitrotoluene	14.563	165	92589	28.200	ng/ul#	83
50) Acenaphthylene	14.716	152	644474	21.635	ng/ul	97
51) 3-Nitroaniline	14.904	138	96665	23.620	ng/ul#	91
52) Acenaphthene	15.051	153	432571	22.278	ng/ul	99
53) 2,4-Dinitrophenol	15.098	184	40172	21.534	ng/ul#	83
55) 4-Nitrophenol	15.168	109	113174	27.183	ng/ul	92
56) Dibenzofuran	15.380	168	561424	22.302	ng/ul	90
57) 2,4-Dinitrotoluene	15.345	165	129241	27.984	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.586	232	100004	24.234	ng/ul#	83
59) Diethylphthalate	15.774	149	517048	21.777	ng/ul	97
61) Fluorene	16.032	166	482638	22.209	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.014	204	213400	22.977	ng/ul	94
63) 4-Nitroaniline	16.061	138	105511m	24.294	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.091	198	67576	26.482	ng/ul#	83
67) N-Nitrosodiphenylamine	16.232	169	394026	22.555	ng/ul	97
68) 4-Bromophenyl-phenylether	16.913	248	129371	25.287	ng/ul	94
69) Hexachlorobenzene	17.002	284	147538	24.952	ng/ul	97
70) Atrazine	17.166	200	133673	24.693	ng/ul	92
71) Pentachlorophenol	17.354	266	84959	25.152	ng/ul	94
72) Phenanthrene	17.777	178	776029	23.348	ng/ul	96
74) Anthracene	17.871	178	759679	22.637	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.782	216	158115	23.223	ng/uL	96
76) Pentachlorobenzene	15.274	250	149977	23.214	ng/uL	97
77) Carbazole	18.147	167	688538	23.883	ng/ul	95
78) Di-n-butylphthalate	18.658	149	900037	22.721	ng/ul	99
80) Fluoranthene	19.769	202	813856	25.631	ng/ul	97
82) Pyrene	20.139	202	823610	24.971	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	349640	23.473	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.960	252	161049	16.526	ng/ul	99
85) Benzo(a)anthracene	22.054	228	721335	23.390	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.896	149	514390	23.143	ng/ul	100
87) Chrysene	22.125	228	653590	22.783	ng/ul	93
89) Di-n-octyl phthalate	23.247	149	869489	24.043	ng/ul	100
90) Benzo(b)fluoranthene	24.516	252	709934m	23.711	ng/ul	
91) Benzo(k)fluoranthene	24.593	252	704874	23.569	ng/ul	99
93) Benzo(a)pyrene	25.509	252	638032	22.547	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.875	276	818958m	22.832	ng/ul	
95) Dibenzo(a,h)anthracene	29.963	278	650502	21.959	ng/ul	97
96) Benzo(g,h,i)perylene	31.208	276	441445	15.037	ng/ul#	92

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

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