Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057228.D
Acq On : 28 Apr 2023 22:13
Operator : CG/JU
Sample : 02417-25MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 29 01:33:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW906MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.374	152	13698	20.000	ng/ul	0.00
20) Naphthalene-d8	11.217	136	61678	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.988	164	49432	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.726	188	113566	20.000	ng/ul	0.00
79) Chrysene-d12	22.038	240	95768	20.000	ng/ul	0.00
88) Perylene-d12	25.551	264	104293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	830	2.666	ng/uL	0.00
4) Pyridine-d5	4.109	84	3352	3.416	ng/ul	0.00
7) Phenol-d5	7.510	99	24055	18.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.675	67	14827	19.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.904	132	17442	20.432	ng/ul	0.00
15) 4-Methylphenol-d8	9.073	113	17078	17.345	ng/ul	0.00
21) Nitrobenzene-d5	9.555	128	9533	19.408	ng/ul	0.00
24) 2-Nitrophenol-d4	10.283	143	11844	20.662	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.829	165	23079	20.868	ng/ul	0.00
31) 4-Chloroaniline-d4	11.340	131	21743	14.834	ng/ul	0.00
46) Dimethylphthalate-d6	14.378	166	79416	20.276	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	91539	20.794	ng/ul	0.00
54) 4-Nitrophenol-d4	15.171	143	6305	11.059	ng/ul	0.00
60) Fluorene-d10	15.975	176	76864	21.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.087	200	10584	15.730	ng/ul	0.00
73) Anthracene-d10	17.826	188	109494	21.123	ng/ul	0.00
81) Pyrene-d10	20.087	212	128651	22.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.304	264	116019	21.835	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.698	88	2203	6.673	ng/uL#	86
5) Pyridine	4.121	79	5343	5.165	ng/ul	90
6) Benzaldehyde	7.499	77	20005	50.562	ng/ul#	83
8) Phenol	7.540	94	32077	24.568	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.775	93	22126	22.642	ng/ul	99
12) 2-Chlorophenol	7.933	128	22415	24.998	ng/ul	92
13) 2-Methylphenol	8.809	108	20781	20.537	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.897	45	29939	23.763	ng/ul#	94
16) Acetophenone	9.202	105	44973	26.545	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.173	70	22965	23.588	ng/ul#	93
18) 4-Methylphenol	9.138	108	25005	22.830	ng/ul	89
19) Hexachloroethane	9.478	117	9427	25.128	ng/ul	97
22) Nitrobenzene	9.596	77	36324	24.835	ng/ul#	92
23) Isophorone	10.113	82	65720	23.616	ng/ul	98
25) 2-Nitrophenol	10.318	139	14453	24.893	ng/ul	96
26) 2,4-Dimethylphenol	10.359	107	9611	7.297	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.589	93	34261	23.685	ng/ul	99
29) 2,4-Dichlorophenol	10.853	162	27529	26.225	ng/ul	99
30) Naphthalene	11.264	128	82831	24.459	ng/ul#	97
32) 4-Chloroaniline	11.370	127	24991	16.363	ng/ul	97
33) Hexachlorobutadiene	11.540	225	23405	26.288	ng/ul	94
34) Caprolactam	12.116	113	8813m	24.939	ng/ul	
35) 4-Chloro-3-methylphenol	12.462	107	29771	24.649	ng/ul	96
36) 2-Methylnaphthalene	12.844	142	63822	25.699	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.062	142	64408	25.793	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.203	216	46125	25.677	ng/ul	97
40) Hexachlorocyclopentadiene	13.179	237	11174	12.465	ng/ul	99
41) 2,4,6-Trichlorophenol	13.438	196	27845	26.615	ng/ul	100
42) 2,4,5-Trichlorophenol	13.514	196	30390m	27.055	ng/ul	
43) 1,1'-Biphenyl	13.825	154	91516	24.263	ng/ul	98
44) 2-Chloronaphthalene	13.878	162	72548	24.806	ng/ul	99
45) 2-Nitroaniline	14.072	65	22591	25.588	ng/ul	97
47) Dimethylphthalate	14.419	163	96126	24.439	ng/ul	100
48) 2,6-Dinitrotoluene	14.554	165	20237	25.000	ng/ul	95
50) Acenaphthylene	14.718	152	110481	24.696	ng/ul	99
51) 3-Nitroaniline	14.889	138	16461	28.700	ng/ul	97
52) Acenaphthene	15.053	153	77648	24.361	ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	10109	23.451	ng/ul	95
55) 4-Nitrophenol	15.188	109	15552	24.063	ng/ul	98
56) Dibenzofuran	15.382	168	116302	25.268	ng/ul	97
57) 2,4-Dinitrotoluene	15.341	165	29983	25.874	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.611	232	26519	25.982	ng/ul	96
59) Diethylphthalate	15.770	149	98668	24.691	ng/ul	99
61) Fluorene	16.028	166	96869	24.889	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.011	204	57755	25.424	ng/ul	94
63) 4-Nitroaniline	16.040	138	17847	32.858	ng/ul	97
66) 4,6-Dinitro-2-methylph...	16.105	198	18029	26.295	ng/ul	95
67) N-Nitrosodiphenylamine	16.222	169	80947	27.286	ng/ul	99
68) 4-Bromophenyl-phenylether	16.904	248	36839	27.140	ng/ul	95
69) Hexachlorobenzene	17.033	284	39893	27.910	ng/ul	97
70) Atrazine	17.150	200	27649	20.971	ng/ul	95
71) Pentachlorophenol	17.379	266	12094m	18.305	ng/ul	
72) Phenanthrene	17.773	178	180126	30.458	ng/ul	99
74) Anthracene	17.861	178	151199	25.452	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.802	216	47447	27.777	ng/uL	98
76) Pentachlorobenzene	15.306	250	49480	28.458	ng/uL	94
77) Carbazole	18.125	167	129956	26.177	ng/ul	99
78) Di-n-butylphthalate	18.642	149	151414	26.672	ng/ul	99
80) Fluoranthene	19.759	202	241527	35.768	ng/ul	98
82) Pyrene	20.117	202	236729	34.631	ng/ul	97
83) Butylbenzylphthalate	20.969	149	59476	27.169	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.914	252	36446	17.136	ng/ul	97
85) Benzo(a)anthracene	22.014	228	216311	31.936	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.862	149	87007	27.327	ng/ul	96
87) Chrysene	22.091	228	204976	32.076	ng/ul	97
89) Di-n-octyl phthalate	23.166	149	145631	25.286	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	227554	31.508	ng/ul	98
91) Benzo(k)fluoranthene	24.493	252	201172	28.631	ng/ul	99
93) Benzo(a)pyrene	25.386	252	191641	30.736	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.592	276	238081	30.546	ng/ul	96
95) Dibenzo(a,h)anthracene	29.657	278	182885	28.298	ng/ul	96
96) Benzo(g,h,i)perylene	30.873	276	159595	25.301	ng/ul	97

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

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