Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053956.D
Acq On : 20 Jun 2022 19:57
Operator : CG/JU
Sample : N3358-08MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW4R7MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 23:58:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	21764	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	87295	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	66358	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	177829	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.725	240	196487	20.000	ng/ul	# 0.00
88) Perylene-d12	24.986	264	208276	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.499	96	2322	5.076	ng/uL	0.00
4) Pyridine-d5	3.916	84	15709	12.626	ng/ul	0.00
7) Phenol-d5	7.230	99	13303	8.532	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	31340	33.321	ng/ul	0.00
11) 2-Chlorophenol-d4	7.612	132	34084	27.413	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	25663	19.304	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	22197	34.257	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	24306	35.305	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	50945	33.446	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	55420	28.800	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	206373	39.533	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	201552	35.506	ng/ul	0.00
54) 4-Nitrophenol-d4	14.880	143	7256	10.151	ng/ul	0.00
60) Fluorene-d10	15.691	176	177836	37.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	41291	42.565	ng/ul	0.00
73) Anthracene-d10	17.547	188	309820	38.578	ng/ul	0.00
81) Pyrene-d10	19.827	212	410595	40.079	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	422378	40.176	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	3173m	6.357	ng/uL	
5) Pyridine	3.934	79	16739	12.973	ng/ul	97
6) Benzaldehyde	7.213	77	36242	45.646	ng/ul	98
8) Phenol	7.260	94	28305	17.398	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.489	93	42229	34.267	ng/ul	89
12) 2-Chlorophenol	7.641	128	35147	27.686	ng/ul	98
13) 2-Methylphenol	8.517	108	29303	23.203	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.605	45	61260	33.466	ng/ul#	95
16) Acetophenone	8.899	105	72433	35.229	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	37527	35.805	ng/ul	96
18) 4-Methylphenol	8.840	108	27956	20.693	ng/ul	100
19) Hexachloroethane	9.169	117	17675	32.857	ng/ul#	83
22) Nitrobenzene	9.281	77	53543	34.693	ng/ul	92
23) Isophorone	9.815	82	109072	36.450	ng/ul	95
25) 2-Nitrophenol	9.998	139	25928	35.916	ng/ul	89
26) 2,4-Dimethylphenol	10.050	107	47926	30.403	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.285	93	58548	34.756	ng/ul	98
29) 2,4-Dichlorophenol	10.532	162	50453	33.123	ng/ul	96
30) Naphthalene	10.938	128	142917	33.003	ng/ul	100
32) 4-Chloroaniline	11.037	127	56920	29.829	ng/ul	100
33) Hexachlorobutadiene	11.231	225	49234	33.092	ng/ul	97
34) Caprolactam	11.895	113	4621m	10.166	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	48897	33.381	ng/ul	97
36) 2-Methylnaphthalene	12.542	142	103257	32.234	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	107854	33.761	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.906	216	93179	34.546	ng/ul#	96
40) Hexachlorocyclopentadiene	12.888	237	41190	27.229	ng/ul	96
41) 2,4,6-Trichlorophenol	13.141	196	55986	39.993	ng/ul	91
42) 2,4,5-Trichlorophenol	13.206	196	63332	40.017	ng/ul	98
43) 1,1'-Biphenyl	13.540	154	162987	35.438	ng/ul	98
44) 2-Chloronaphthalene	13.582	162	131499	34.429	ng/ul	98
45) 2-Nitroaniline	13.775	65	40929	42.596	ng/ul	95
47) Dimethylphthalate	14.151	163	199756	39.812	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	44372	43.972	ng/ul	91
50) Acenaphthylene	14.428	152	213738	36.670	ng/ul	99
51) 3-Nitroaniline	14.598	138	35535	43.379	ng/ul#	93
52) Acenaphthene	14.768	153	144413	37.103	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	24022	51.386	ng/ul#	61
55) 4-Nitrophenol	14.898	109	8000	11.417	ng/ul	84
56) Dibenzofuran	15.103	168	225370	37.843	ng/ul	100
57) 2,4-Dinitrotoluene	15.056	165	62757	42.873	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.327	232	63774	46.374	ng/ul	92
59) Diethylphthalate	15.515	149	201752	41.009	ng/ul	98
61) Fluorene	15.750	166	186241	38.397	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.738	204	117016	37.942	ng/ul	95
63) 4-Nitroaniline	15.761	138	37734m	47.905	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.820	198	40545	43.541	ng/ul	98
67) N-Nitrosodiphenylamine	15.949	169	177495	40.827	ng/ul	97
68) 4-Bromophenyl-phenylether	16.631	248	88887	40.241	ng/ul	95
69) Hexachlorobenzene	16.760	284	103602	40.018	ng/ul#	90
70) Atrazine	16.901	200	79378	37.173	ng/ul	97
71) Pentachlorophenol	17.095	266	55428	50.512	ng/ul	94
72) Phenanthrene	17.489	178	347959	39.495	ng/ul	100
74) Anthracene	17.583	178	347227	39.107	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.505	216	101808	33.613	ng/uL	96
76) Pentachlorobenzene	15.027	250	106659	38.288	ng/uL	96
77) Carbazole	17.847	167	299653	40.933	ng/ul	100
78) Di-n-butylphthalate	18.405	149	349644	41.951	ng/ul	99
80) Fluoranthene	19.498	202	467379	40.867	ng/ul#	93
82) Pyrene	19.857	202	452206	39.770	ng/ul#	95
83) Butylbenzylphthalate	20.738	149	151263	44.143	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.613	252	69524	17.098	ng/ul#	99
85) Benzo(a)anthracene	21.701	228	493321	40.733	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	220054	43.948	ng/ul	97
87) Chrysene	21.772	228	473778	40.776	ng/ul	99
89) Di-n-octyl phthalate	22.835	149	381074	42.603	ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	534172	41.535	ng/ul#	97
91) Benzo(k)fluoranthene	24.016	252	499457	40.559	ng/ul#	97
93) Benzo(a)pyrene	24.833	252	506446	40.880	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.711	276	627468	42.098	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.781	278	529428	42.207	ng/ul#	96
96) Benzo(g,h,i)perylene	29.880	276	533982	42.431	ng/ul#	94

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

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