Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049579.D
Acq On : 30 Jul 2021 15:39
Operator : CG/JU
Sample : PB138000BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS000

Manual Integrations APPROVED
mohammad
8/2/2021 3:45:38 PM

Quant Time: Jul 30 16:33:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	19224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	82004	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	56948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	138515	20.000	ng/ul	0.00
79) Chrysene-d12	21.734	240	131281	20.000	ng/ul	0.00
88) Perylene-d12	25.017	264	135197	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	2905	6.913	ng/uL	0.00
4) Pyridine-d5	3.852	84	40874	33.867	ng/ul	0.00
7) Phenol-d5	7.200	99	62487	36.739	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	33057	34.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	44477	36.480	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	46694	36.422	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	22839	36.225	ng/ul	0.00
24) 2-Nitrophenol-d4	9.944	143	26597	36.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.490	165	48323	35.963	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	57258	30.575	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	157096	36.012	ng/ul	0.00
49) Acenaphthylene-d8	14.391	160	194360	38.360	ng/ul	0.00
54) 4-Nitrophenol-d4	14.902	143	26635	37.076	ng/ul	0.01
60) Fluorene-d10	15.695	176	142975	38.044	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.812	200	29729	34.636	ng/ul	0.00
73) Anthracene-d10	17.551	188	229740	35.686	ng/ul	0.00
81) Pyrene-d10	19.836	212	266581	39.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.794	264	257803	36.281	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	6629	11.542	ng/uL#	85
5) Pyridine	3.870	79	44508	34.476	ng/ul	90
6) Benzaldehyde	7.177	77	40294	39.702	ng/ul	94
8) Phenol	7.230	94	59840	36.016	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.459	93	41143	35.943	ng/ul	96
12) 2-Chlorophenol	7.612	128	44255	37.704	ng/ul	94
13) 2-Methylphenol	8.493	108	45521	35.947	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	47278	35.245	ng/ul#	95
16) Acetophenone	8.875	105	74645	36.176	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.851	70	40690	38.242	ng/ul#	96
18) 4-Methylphenol	8.816	108	51319	38.522	ng/ul	93
19) Hexachloroethane	9.133	117	19674	37.207	ng/ul	90
22) Nitrobenzene	9.256	77	65800	34.954	ng/ul	99
23) Isophorone	9.785	82	109606	34.747	ng/ul	97
25) 2-Nitrophenol	9.979	139	26226	37.720	ng/ul#	85
26) 2,4-Dimethylphenol	10.032	107	59352	35.818	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.267	93	53856	34.232	ng/ul	98
29) 2,4-Dichlorophenol	10.514	162	46862	35.676	ng/ul	96
30) Naphthalene	10.919	128	148822	35.232	ng/ul	98
32) 4-Chloroaniline	11.025	127	58795	33.006	ng/ul#	88
33) Hexachlorobutadiene	11.207	225	34777	34.630	ng/ul	96
34) Caprolactam	11.788	113	15251	34.139	ng/ul#	54
35) 4-Chloro-3-methylphenol	12.147	107	55368	37.463	ng/ul	94
36) 2-Methylnaphthalene	12.528	142	113269	36.638	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.746	142	110411	35.343	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	12.893	216	63736	37.656	ng/ul	98
40) Hexachlorocyclopentadiene	12.869	237	23344	22.889	ng/ul	94
41) 2,4,6-Trichlorophenol	13.133	196	41414	39.816	ng/ul	89
42) 2,4,5-Trichlorophenol	13.210	196	45480	40.943	ng/ul	93
43) 1,1'-Biphenyl	13.533	154	147186	36.295	ng/ul#	96
44) 2-Chloronaphthalene	13.574	162	118667	37.604	ng/ul	98
45) 2-Nitroaniline	13.780	65	45642	40.756	ng/ul	95
47) Dimethylphthalate	14.144	163	154649	36.455	ng/ul#	97
48) 2,6-Dinitrotoluene	14.273	165	34737	41.030	ng/ul#	88
50) Acenaphthylene	14.420	152	183842	37.995	ng/ul	99
51) 3-Nitroaniline	14.602	138	32660	38.679	ng/ul#	77
52) Acenaphthene	14.761	153	129982	37.455	ng/ul	97
53) 2,4-Dinitrophenol	14.814	184	16569	39.281	ng/ul	83
55) 4-Nitrophenol	14.913	109	37177	38.165	ng/ul	96
56) Dibenzofuran	15.096	168	180834	38.591	ng/ul	97
57) 2,4-Dinitrotoluene	15.060	165	50362	41.965	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.325	232	41046	40.719	ng/ul#	100
59) Diethylphthalate	15.507	149	164044	37.364	ng/ul	98
61) Fluorene	15.748	166	154835	38.922	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.736	204	80222	38.740	ng/ul#	88
63) 4-Nitroaniline	15.765	138	35155	41.985	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.824	198	26087	33.016	ng/ul#	78
67) N-Nitrosodiphenylamine	15.953	169	130430	35.930	ng/ul	95
68) 4-Bromophenyl-phenylether	16.635	248	55552	36.019	ng/ul	95
69) Hexachlorobenzene	16.758	284	63845	36.587	ng/ul	95
70) Atrazine	16.899	200	59569	35.929	ng/ul	93
71) Pentachlorophenol	17.105	266	29907m	37.015	ng/ul	
72) Phenanthrene	17.492	178	260950	36.188	ng/ul	98
74) Anthracene	17.586	178	256922	35.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	65048	34.560	ng/uL	94
76) Pentachlorobenzene	15.019	250	71422	35.865	ng/uL	97
77) Carbazole	17.851	167	230657	35.307	ng/ul	100
78) Di-n-butylphthalate	18.403	149	282017	34.714	ng/ul	98
80) Fluoranthene	19.501	202	318284	39.049	ng/ul	100
82) Pyrene	19.866	202	307143	37.954	ng/ul	98
83) Butylbenzylphthalate	20.741	149	122471	38.871	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.628	252	106833	35.417	ng/ul#	93
85) Benzo(a)anthracene	21.716	228	296911	36.992	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.610	149	172769	36.950	ng/ul	97
87) Chrysene	21.781	228	278225	36.216	ng/ul	97
89) Di-n-octyl phthalate	22.838	149	290282	36.527	ng/ul	100
90) Benzo(b)fluoranthene	23.972	252	309313	36.502	ng/ul#	99
91) Benzo(k)fluoranthene	24.042	252	302403	36.464	ng/ul#	98
93) Benzo(a)pyrene	24.865	252	271286	36.903	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.771	276	360309	38.413	ng/ul	99
95) Dibenzo(a,h)anthracene	28.836	278	294756	37.974	ng/ul	99
96) Benzo(g,h,i)perylene	29.952	276	294687m	37.788	ng/ul	

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

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