Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049342.D
Acq On : 15 Jul 2021 00:18
Operator : CG/JU
Sample : PB137619BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS619

Manual Integrations APPROVED
mohammad
7/15/2021 11:32:24 AM

Quant Time: Jul 15 01:28:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	35880	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.885	136	147216	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.710	164	104956	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.465	188	236310	20.000	ng/ul	0.00
79) Chrysene-d12	21.749	240	235258	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	244092	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	5796m	7.599	ng/uL	-0.01
4) Pyridine-d5	3.875	84	81053	36.139	ng/ul	-0.01
7) Phenol-d5	7.224	99	124375	39.851	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	69493	38.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	92973	40.306	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	100104	40.031	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	45300	40.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	54054	41.682	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.503	165	108092	42.717	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.020	131	122727	37.218	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	331950	41.125	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	387234	40.887	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.915	143	49290	36.893	ng/ul	0.00
60) Fluorene-d10	15.703	176	276000	40.386	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.820	200	55393	36.879	ng/ul	0.00
73) Anthracene-d10	17.565	188	436190	40.542	ng/ul	0.00
81) Pyrene-d10	19.845	212	520523	43.169	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.816	264	550218	43.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	12596m	13.560	ng/uL	
5) Pyridine	3.899	79	83739	33.656	ng/ul	96
6) Benzaldehyde	7.201	77	76516m	40.752	ng/ul	
8) Phenol	7.254	94	116209	37.231	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.483	93	83397	35.935	ng/ul	90
12) 2-Chlorophenol	7.630	128	89545	38.459	ng/ul	97
13) 2-Methylphenol	8.511	108	86956	36.574	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.594	45	145591	39.002	ng/ul	96
16) Acetophenone	8.893	105	150891	36.785	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.876	70	78318	37.575	ng/ul	94
18) 4-Methylphenol	8.846	108	93203	37.682	ng/ul	95
19) Hexachloroethane	9.158	117	40925	38.821	ng/ul	87
22) Nitrobenzene	9.281	77	125550	39.409	ng/ul	97
23) Isophorone	9.804	82	213914	38.871	ng/ul#	97
25) 2-Nitrophenol	9.992	139	52928	40.006	ng/ul	95
26) 2,4-Dimethylphenol	10.051	107	106995	36.524	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.286	93	115903	39.503	ng/ul	92
29) 2,4-Dichlorophenol	10.532	162	95255	41.199	ng/ul	95
30) Naphthalene	10.938	128	282676	38.512	ng/ul	98
32) 4-Chloroaniline	11.044	127	115861	35.638	ng/ul	98
33) Hexachlorobutadiene	11.220	225	77137	39.342	ng/ul	96
34) Caprolactam	11.813	113	29631m	36.840	ng/ul	
35) 4-Chloro-3-methylphenol	12.166	107	105247	40.751	ng/ul	97
36) 2-Methylnaphthalene	12.542	142	220790	39.592	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	211373	38.114	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.906	216	128260	38.907	ng/ul#	97
40) Hexachlorocyclopentadiene	12.888	237	71026	32.442	ng/ul	93
41) 2,4,6-Trichlorophenol	13.147	196	86872	40.739	ng/ul	93
42) 2,4,5-Trichlorophenol	13.223	196	92146	40.627	ng/ul	93
43) 1,1'-Biphenyl	13.547	154	279619	39.434	ng/ul	98
44) 2-Chloronaphthalene	13.588	162	213891	38.500	ng/ul	98
45) 2-Nitroaniline	13.793	65	82825	40.663	ng/ul	90
47) Dimethylphthalate	14.163	163	293763	39.210	ng/ul#	98
48) 2,6-Dinitrotoluene	14.281	165	63917	39.614	ng/ul	92
50) Acenaphthylene	14.434	152	323584	38.417	ng/ul	99
51) 3-Nitroaniline	14.616	138	56399	38.386	ng/ul	85
52) Acenaphthene	14.774	153	236735	38.701	ng/ul	99
53) 2,4-Dinitrophenol	14.821	184	43101m	42.150	ng/ul	
55) 4-Nitrophenol	14.927	109	64433	38.204	ng/ul	90
56) Dibenzofuran	15.109	168	338445	39.040	ng/ul	95
57) 2,4-Dinitrotoluene	15.068	165	90296	38.781	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.339	232	81675	38.402	ng/ul	93
59) Diethylphthalate	15.521	149	313317	38.905	ng/ul	99
61) Fluorene	15.762	166	286288	39.020	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.750	204	160931	39.899	ng/ul	97
63) 4-Nitroaniline	15.785	138	56146	38.926	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.838	198	52387	36.651	ng/ul#	97
67) N-Nitrosodiphenylamine	15.961	169	244706	40.673	ng/ul	98
68) 4-Bromophenyl-phenylether	16.643	248	111022	42.123	ng/ul	94
69) Hexachlorobenzene	16.766	284	125416	42.016	ng/ul	97
70) Atrazine	16.913	200	112524	40.865	ng/ul	98
71) Pentachlorophenol	17.113	266	96101	53.943	ng/ul	98
72) Phenanthrene	17.507	178	467551	40.565	ng/ul	99
74) Anthracene	17.595	178	452348	38.419	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.511	216	135063	41.896	ng/uL	94
76) Pentachlorobenzene	15.033	250	143722	42.025	ng/uL	97
77) Carbazole	17.865	167	409967	39.032	ng/ul	99
78) Di-n-butylphthalate	18.417	149	504374	38.380	ng/ul	99
80) Fluoranthene	19.510	202	573295	40.881	ng/ul	99
82) Pyrene	19.874	202	556097	39.799	ng/ul	99
83) Butylbenzylphthalate	20.756	149	225357	41.081	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.637	252	217101	39.497	ng/ul	97
85) Benzo(a)anthracene	21.725	228	577797	39.965	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.625	149	334907	41.858	ng/ul	99
87) Chrysene	21.796	228	544543	39.819	ng/ul	99
89) Di-n-octyl phthalate	22.859	149	550912	40.097	ng/ul	100
90) Benzo(b)fluoranthene	23.993	252	636237	42.252	ng/ul#	98
91) Benzo(k)fluoranthene	24.058	252	599856m	40.856	ng/ul	
93) Benzo(a)pyrene	24.886	252	550099	41.511	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.793	276	711606m	41.619	ng/ul	
95) Dibenzo(a,h)anthracene	28.870	278	587606	41.492	ng/ul	95
96) Benzo(g,h,i)perylene	29.974	276	590205m	41.751	ng/ul	

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

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