Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050133.D
Acq On : 3 Sep 2021 16:13
Operator : CG/JU
Sample : PB138738BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS738

Manual Integrations APPROVED
mohammad
9/7/2021 11:33:42 AM

Quant Time: Sep 03 16:51:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	27972	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	110125	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.616	164	72747	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	164114	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.642	240	165089	20.000	ng/ul	0.00
88) Perylene-d12	24.855	264	167462	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	3984	7.345	ng/uL	-0.01
4) Pyridine-d5	3.731	84	60128	36.800	ng/ul	-0.01
7) Phenol-d5	7.121	99	87234	36.726	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	48793	36.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.479	132	65195	36.682	ng/ul	-0.01
15) 4-Methylphenol-d8	8.677	113	66391	35.491	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	32392	37.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	37277	36.668	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	68523	37.790	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	85933	34.818	ng/ul	-0.01
46) Dimethylphthalate-d6	14.017	166	203139	36.487	ng/ul	0.00
49) Acenaphthylene-d8	14.311	160	247891	37.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	27680	34.364	ng/ul	0.00
60) Fluorene-d10	15.609	176	175349	37.147	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	35359	33.489	ng/ul	0.00
73) Anthracene-d10	17.471	188	265689	36.052	ng/ul	0.00
81) Pyrene-d10	19.762	212	329221	36.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.638	264	321684	36.208	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	10785	16.309	ng/uL#	86
5) Pyridine	3.755	79	66410	37.607	ng/ul	95
6) Benzaldehyde	7.085	77	58638	42.899	ng/ul	97
8) Phenol	7.150	94	90842	37.864	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.367	93	64745	39.092	ng/ul	99
12) 2-Chlorophenol	7.514	128	68504	39.006	ng/ul#	82
13) 2-Methylphenol	8.407	108	69139	37.353	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.478	45	66644	38.373	ng/ul	98
16) Acetophenone	8.783	105	114718	37.604	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.765	70	58523	38.204	ng/ul	95
18) 4-Methylphenol	8.736	108	72571	36.445	ng/ul	82
19) Hexachloroethane	9.036	117	30308	39.433	ng/ul	91
22) Nitrobenzene	9.165	77	91665	39.623	ng/ul	97
23) Isophorone	9.688	82	160249	38.878	ng/ul	96
25) 2-Nitrophenol	9.882	139	40038	40.508	ng/ul#	91
26) 2,4-Dimethylphenol	9.946	107	78689	35.823	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.169	93	87106	40.924	ng/ul	98
29) 2,4-Dichlorophenol	10.428	162	71446	42.929	ng/ul	98
30) Naphthalene	10.821	128	215686	39.185	ng/ul	98
32) 4-Chloroaniline	10.933	127	87103	36.646	ng/ul	93
33) Hexachlorobutadiene	11.098	225	55078	40.909	ng/ul	98
34) Caprolactam	11.703	113	21796m	37.387	ng/ul	
35) 4-Chloro-3-methylphenol	12.073	107	79984	40.213	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	164319	40.159	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	157417	38.115	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.807	216	93682	43.844	ng/ul#	98
40) Hexachlorocyclopentadiene	12.778	237	11552	12.080	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.054	196	54766	40.220	ng/ul	95
42) 2,4,5-Trichlorophenol	13.136	196	58776	41.186	ng/ul	93
43) 1,1'-Biphenyl	13.441	154	210367	41.392	ng/ul	100
44) 2-Chloronaphthalene	13.494	162	162169	39.725	ng/ul	93
45) 2-Nitroaniline	13.700	65	54717	39.477	ng/ul	97
47) Dimethylphthalate	14.064	163	212032	38.482	ng/ul	99
48) 2,6-Dinitrotoluene	14.193	165	46007	40.444	ng/ul	88
50) Acenaphthylene	14.340	152	247670	41.512	ng/ul	98
51) 3-Nitroaniline	14.528	138	42854	39.040	ng/ul	93
52) Acenaphthene	14.681	153	179089	41.380	ng/ul	95
53) 2,4-Dinitrophenol	14.757	184	20227	34.814	ng/ul#	80
55) 4-Nitrophenol	14.857	109	34574	33.854	ng/ul	95
56) Dibenzofuran	15.016	168	244561	40.805	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	64849	39.632	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	47782	40.405	ng/ul#	95
59) Diethylphthalate	15.427	149	218764	38.812	ng/ul	97
61) Fluorene	15.668	166	205916	40.722	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.650	204	106811	39.923	ng/ul	97
63) 4-Nitroaniline	15.691	138	45123	41.193	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.762	198	33907	35.430	ng/ul	97
67) N-Nitrosodiphenylamine	15.868	169	171502	39.693	ng/ul	99
68) 4-Bromophenyl-phenylether	16.549	248	77186	42.516	ng/ul	96
69) Hexachlorobenzene	16.678	284	86496	41.259	ng/ul	95
70) Atrazine	16.819	200	77769	40.515	ng/ul	96
71) Pentachlorophenol	17.031	266	23613	26.600	ng/ul	96
72) Phenanthrene	17.412	178	334623	40.900	ng/ul	98
74) Anthracene	17.506	178	326797	39.416	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	92854	42.171	ng/uL	91
76) Pentachlorobenzene	14.939	250	96196	41.231	ng/uL	94
77) Carbazole	17.777	167	293585	39.794	ng/ul	100
78) Di-n-butylphthalate	18.323	149	372005	39.426	ng/ul	97
80) Fluoranthene	19.427	202	424149	38.528	ng/ul#	97
82) Pyrene	19.792	202	415269	38.067	ng/ul	98
83) Butylbenzylphthalate	20.661	149	165711	38.493	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.536	252	146225	37.365	ng/ul#	98
85) Benzo(a)anthracene	21.619	228	403103	39.187	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.507	149	234728	39.703	ng/ul	100
87) Chrysene	21.689	228	382482	39.334	ng/ul	94
89) Di-n-octyl phthalate	22.711	149	397698	40.033	ng/ul	100
90) Benzo(b)fluoranthene	23.833	252	420046	39.213	ng/ul#	98
91) Benzo(k)fluoranthene	23.904	252	404633	39.739	ng/ul	98
93) Benzo(a)pyrene	24.708	252	361976	38.910	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.550	276	474635m	38.678	ng/ul	
95) Dibenzo(a,h)anthracene	28.603	278	390418	38.004	ng/ul#	98
96) Benzo(g,h,i)perylene	29.708	276	388448	37.652	ng/ul	97

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

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