Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050451.D
Acq On : 5 Oct 2021 20:27
Operator : CG/JU
Sample : PB139634BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS634

Manual Integrations APPROVED
mohammad
10/8/2021 8:31:19 AM

Quant Time: Oct 06 01:50:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	52109	20.00	ng/ul	0.00
20) Naphthalene-d8	11.094	136	218010	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.883	164	139310	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	298345	20.00	ng/ul	0.00
79) Chrysene-d12	21.928	240	271367	20.00	ng/ul	-0.02
88) Perylene-d12	25.348	264	270772	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	9180	6.47	ng/uL	0.00
4) Pyridine-d5	4.061	84	126793	30.00	ng/ul	0.00
7) Phenol-d5	7.398	99	149887	32.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.580	67	97012	33.86	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	101575	31.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.955	113	111899	32.47	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	53924	35.36	ng/ul	0.00
24) 2-Nitrophenol-d4	10.160	143	58003	35.44	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.694	165	102131	31.60	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.217	131	123339	26.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	301449	31.62	ng/ul	-0.01
49) Acenaphthylene-d8	14.578	160	381554	31.87	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.048	143	57127	31.11	ng/ul	0.00
60) Fluorene-d10	15.871	176	269384	31.36	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.976	200	46633	31.34	ng/ul	0.00
73) Anthracene-d10	17.727	188	409785	32.51	ng/ul	0.00
81) Pyrene-d10	19.995	212	480711	33.31	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.113	264	425192	31.23	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	19658	11.46	ng/uL#	85
5) Pyridine	4.079	79	136633	31.92	ng/ul	97
6) Benzaldehyde	7.398	77	123467m	41.12	ng/ul	
8) Phenol	7.428	94	157512	33.75	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.674	93	120036	34.29	ng/ul	99
12) 2-Chlorophenol	7.827	128	109792	33.64	ng/ul	94
13) 2-Methylphenol	8.691	108	115180	33.49	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.785	45	188017	35.80	ng/ul	98
16) Acetophenone	9.090	105	176127	32.17	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.073	70	108196	32.88	ng/ul	97
18) 4-Methylphenol	9.020	108	121117	33.26	ng/ul	99
19) Hexachloroethane	9.361	117	45689	32.57	ng/ul	95
22) Nitrobenzene	9.478	77	159214	34.83	ng/ul	99
23) Isophorone	10.001	82	287243	32.70	ng/ul	99
25) 2-Nitrophenol	10.195	139	60478	35.95	ng/ul	94
26) 2,4-Dimethylphenol	10.236	107	136680	32.73	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.477	93	153272	32.32	ng/ul	96
29) 2,4-Dichlorophenol	10.724	162	104489	32.65	ng/ul	93
30) Naphthalene	11.141	128	355852	31.79	ng/ul	98
32) 4-Chloroaniline	11.241	127	112573	24.22	ng/ul	99
33) Hexachlorobutadiene	11.417	225	71167	30.60	ng/ul	99
34) Caprolactam	11.999	113	38097m	30.82	ng/ul	
35) 4-Chloro-3-methylphenol	12.339	107	123910	32.84	ng/ul	97
36) 2-Methylnaphthalene	12.727	142	233635	30.70	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.945	142	238291	31.11	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.086	216	132392	32.93	ng/ul	95
40) Hexachlorocyclopentadiene	13.062	237	65709	24.65	ng/ul	92
41) 2,4,6-Trichlorophenol	13.321	196	88754	35.03	ng/ul	99
42) 2,4,5-Trichlorophenol	13.391	196	94066	33.94	ng/ul	97
43) 1,1'-Biphenyl	13.720	154	311873	33.27	ng/ul	100
44) 2-Chloronaphthalene	13.767	162	242719	33.05	ng/ul	99
45) 2-Nitroaniline	13.961	65	96700	40.21	ng/ul	90
47) Dimethylphthalate	14.325	163	306518	31.95	ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	63727	35.32	ng/ul	96
50) Acenaphthylene	14.607	152	394927	32.52	ng/ul	99
51) 3-Nitroaniline	14.778	138	65160	33.20	ng/ul	92
52) Acenaphthene	14.948	153	260745	32.48	ng/ul	99
53) 2,4-Dinitrophenol	14.983	184	31128	27.68	ng/ul	89
55) 4-Nitrophenol	15.066	109	59129	32.56	ng/ul	95
56) Dibenzofuran	15.277	168	368728	31.58	ng/ul	94
57) 2,4-Dinitrotoluene	15.230	165	90766	34.64	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.495	232	75927	31.85	ng/ul	96
59) Diethylphthalate	15.677	149	323724	32.34	ng/ul	97
61) Fluorene	15.929	166	286427	30.84	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.912	204	153398	30.50	ng/ul	95
63) 4-Nitroaniline	15.935	138	71220	35.93	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.994	198	46652	31.72	ng/ul	95
67) N-Nitrosodiphenylamine	16.123	169	257242	34.10	ng/ul	98
68) 4-Bromophenyl-phenylether	16.805	248	90957	32.75	ng/ul	90
69) Hexachlorobenzene	16.928	284	94732	32.39	ng/ul	97
70) Atrazine	17.063	200	105740	32.92	ng/ul	96
71) Pentachlorophenol	17.263	266	57820	30.19	ng/ul	98
72) Phenanthrene	17.668	178	482665	32.41	ng/ul	99
74) Anthracene	17.762	178	485082	32.89	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	133189	33.86	ng/uL	98
76) Pentachlorobenzene	15.195	250	118265	32.91	ng/uL	98
77) Carbazole	18.027	167	448042	33.94	ng/ul	99
78) Di-n-butylphthalate	18.562	149	551337	35.24	ng/ul	99
80) Fluoranthene	19.666	202	602198	33.23	ng/ul	98
82) Pyrene	20.025	202	586267	32.81	ng/ul#	96
83) Butylbenzylphthalate	20.900	149	249411	37.87	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.811	252	182015	32.54	ng/ul	100
85) Benzo(a)anthracene	21.905	228	550415	33.64	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.787	149	358409	37.87	ng/ul	98
87) Chrysene	21.975	228	521184	33.24	ng/ul	100
89) Di-n-octyl phthalate	23.068	149	602599	38.73	ng/ul	100
90) Benzo(b)fluoranthene	24.255	252	556495	33.74	ng/ul	99
91) Benzo(k)fluoranthene	24.325	252	502447	32.74	ng/ul	98
93) Benzo(a)pyrene	25.189	252	524688	33.34	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.267	276	578543	32.75	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.343	278	492106	32.73	ng/ul	99
96) Benzo(g,h,i)perylene	30.512	276	484707m	32.54	ng/ul	

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

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