Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050062.D
Acq On : 31 Aug 2021 12:59
Operator : CG/JU
Sample : PB138651BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS651

Manual Integrations APPROVED
mohammad
9/1/2021 4:49:23 PM

Quant Time: Aug 31 14:17:24 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	7.961	152	24980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	101717	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.623	164	70344	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.378	188	159100m	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	137357	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	140783	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3666	7.568	ng/uL	0.00
4) Pyridine-d5	3.743	84	54898	37.624	ng/ul	0.00
7) Phenol-d5	7.133	99	82707	38.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.280	67	44799	38.015	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	64832	40.847	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	67750	40.555	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	31892	40.442	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	39316	41.870	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.411	165	70140	41.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	86478	37.935	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	207943	38.626	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	264620	41.922	ng/ul	0.00
54) 4-Nitrophenol-d4	14.858	143	28850	37.040	ng/ul	0.01
60) Fluorene-d10	15.621	176	187673	41.116	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	35026m	34.219	ng/ul	0.00
73) Anthracene-d10	17.483	188	293093	41.024	ng/ul	0.00
81) Pyrene-d10	19.769	212	327028	44.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	298040	39.904	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	8054	13.638	ng/uL#	83
5) Pyridine	3.761	79	61569	39.041	ng/ul	93
6) Benzaldehyde	7.092	77	53364	43.717	ng/ul	92
8) Phenol	7.162	94	90535	42.256	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.374	93	62090	41.979	ng/ul	97
12) 2-Chlorophenol	7.526	128	69606	44.381	ng/ul#	82
13) 2-Methylphenol	8.419	108	70154	42.441	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.490	45	64411	41.529	ng/ul#	95
16) Acetophenone	8.795	105	114222	41.925	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.772	70	57409	41.966	ng/ul	98
18) 4-Methylphenol	8.748	108	74608	41.955	ng/ul	89
19) Hexachloroethane	9.042	117	30526	44.474	ng/ul	98
22) Nitrobenzene	9.177	77	92672	43.370	ng/ul	98
23) Isophorone	9.700	82	159398	41.868	ng/ul	96
25) 2-Nitrophenol	9.894	139	40326	44.172	ng/ul	97
26) 2,4-Dimethylphenol	9.958	107	86900	42.831	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.182	93	85455	43.467	ng/ul	97
29) 2,4-Dichlorophenol	10.440	162	71999	46.838	ng/ul	92
30) Naphthalene	10.834	128	225491	44.352	ng/ul	96
32) 4-Chloroaniline	10.945	127	92076	41.940	ng/ul	95
33) Hexachlorobutadiene	11.110	225	54764	44.038	ng/ul	96
34) Caprolactam	11.715	113	23021m	42.753	ng/ul	
35) 4-Chloro-3-methylphenol	12.085	107	86176	46.907	ng/ul	96
36) 2-Methylnaphthalene	12.449	142	168714	44.642	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	162524	42.604	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.819	216	97609	47.243	ng/ul#	95
40) Hexachlorocyclopentadiene	12.784	237	13884	15.015	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.066	196	60625	46.044	ng/ul	97
42) 2,4,5-Trichlorophenol	13.142	196	63391	45.937	ng/ul	95
43) 1,1'-Biphenyl	13.454	154	216940	44.143	ng/ul	98
44) 2-Chloronaphthalene	13.501	162	176105	44.612	ng/ul	99
45) 2-Nitroaniline	13.706	65	61380	45.797	ng/ul	91
47) Dimethylphthalate	14.070	163	223608	41.970	ng/ul#	99
48) 2,6-Dinitrotoluene	14.205	165	49892	45.357	ng/ul#	91
50) Acenaphthylene	14.346	152	260078	45.081	ng/ul	96
51) 3-Nitroaniline	14.534	138	46081	43.414	ng/ul	92
52) Acenaphthene	14.693	153	190950	45.628	ng/ul	94
53) 2,4-Dinitrophenol	14.769	184	19214	34.200	ng/ul#	84
55) 4-Nitrophenol	14.869	109	39134	39.628	ng/ul	93
56) Dibenzofuran	15.028	168	259121	44.711	ng/ul	99
57) 2,4-Dinitrotoluene	14.999	165	73715	46.589	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	53768	47.020	ng/ul	90
59) Diethylphthalate	15.439	149	230641	42.317	ng/ul	98
61) Fluorene	15.680	166	219643	44.921	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.662	204	112699	43.562	ng/ul	97
63) 4-Nitroaniline	15.703	138	49708	46.929	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.774	198	34908m	37.626	ng/ul	
67) N-Nitrosodiphenylamine	15.880	169	189639	45.274	ng/ul	96
68) 4-Bromophenyl-phenylether	16.561	248	81459	46.283	ng/ul	97
69) Hexachlorobenzene	16.690	284	91372	44.959	ng/ul	95
70) Atrazine	16.831	200	87155	46.836	ng/ul	99
71) Pentachlorophenol	17.043	266	27810m	32.315	ng/ul	
72) Phenanthrene	17.425	178	360798m	45.489	ng/ul	
74) Anthracene	17.513	178	361685	44.999	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.424	216	99489	46.608	ng/uL	99
76) Pentachlorobenzene	14.952	250	101329	44.800	ng/uL	92
77) Carbazole	17.789	167	317862	44.443	ng/ul	98
78) Di-n-butylphthalate	18.329	149	393492	43.018	ng/ul	98
80) Fluoranthene	19.440	202	432539	47.223	ng/ul#	98
82) Pyrene	19.804	202	423638	46.675	ng/ul	99
83) Butylbenzylphthalate	20.673	149	165070	46.086	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.548	252	137786	42.317	ng/ul	96
85) Benzo(a)anthracene	21.637	228	383494	44.807	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.525	149	223211	45.378	ng/ul	100
87) Chrysene	21.701	228	364459	45.048	ng/ul	98
89) Di-n-octyl phthalate	22.729	149	374835	44.882	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	387149	42.991	ng/ul	99
91) Benzo(k)fluoranthene	23.928	252	379669	44.354	ng/ul	99
93) Benzo(a)pyrene	24.738	252	347420	44.423	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.609	276	446846	43.314	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.645	278	374675	43.384	ng/ul	98
96) Benzo(g,h,i)perylene	29.761	276	367675m	42.392	ng/ul	

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

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