Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050148.D
Acq On : 4 Sep 2021 3:10
Operator : CG/JU
Sample : PB138772BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS772

Manual Integrations APPROVED
mohammad
9/7/2021 11:34:26 AM

Quant Time: Sep 04 04:45:34 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	7.945	152	30238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.770	136	120667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.612	164	79935	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.367	188	178525	20.000	ng/ul	0.00
79) Chrysene-d12	21.638	240	188727	20.000	ng/ul	0.00
88) Perylene-d12	24.851	264	186693	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4454m	7.596	ng/uL	0.00
4) Pyridine-d5	3.733	84	60161	34.061	ng/ul	0.00
7) Phenol-d5	7.122	99	90464	35.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	47605	33.371	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	66628	34.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.679	113	66690	32.979	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	32889	35.156	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	38761	34.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.400	165	69820	35.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.911	131	86508	31.989	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	217038	35.478	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	252832	35.249	ng/ul	0.00
54) 4-Nitrophenol-d4	14.847	143	27170	30.697	ng/ul	0.00
60) Fluorene-d10	15.605	176	182825	35.248	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	39208	34.137	ng/ul	0.00
73) Anthracene-d10	17.467	188	291104	36.312	ng/ul	0.00
81) Pyrene-d10	19.758	212	360183	35.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.634	264	351423	35.481	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	9824	13.743	ng/uL#	75
5) Pyridine	3.756	79	68070	35.658	ng/ul#	86
6) Benzaldehyde	7.081	77	59092	39.992	ng/ul	97
8) Phenol	7.152	94	93514	36.057	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.363	93	67315	37.598	ng/ul	96
12) 2-Chlorophenol	7.516	128	71162	37.483	ng/ul#	90
13) 2-Methylphenol	8.409	108	71713	35.840	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.479	45	65819	35.058	ng/ul	96
16) Acetophenone	8.779	105	116313	35.269	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.761	70	61278	37.005	ng/ul	94
18) 4-Methylphenol	8.738	108	74923	34.806	ng/ul	88
19) Hexachloroethane	9.031	117	32146	38.690	ng/ul	94
22) Nitrobenzene	9.167	77	96176	37.941	ng/ul	99
23) Isophorone	9.689	82	162431	35.964	ng/ul	96
25) 2-Nitrophenol	9.883	139	40002	36.936	ng/ul#	92
26) 2,4-Dimethylphenol	9.948	107	84641	35.166	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.171	93	90317	38.725	ng/ul	97
29) 2,4-Dichlorophenol	10.424	162	70564	38.695	ng/ul	95
30) Naphthalene	10.817	128	220005	36.477	ng/ul	98
32) 4-Chloroaniline	10.935	127	90790	34.860	ng/ul	94
33) Hexachlorobutadiene	11.099	225	56274	38.146	ng/ul	92
34) Caprolactam	11.710	113	24475m	38.315	ng/ul	
35) 4-Chloro-3-methylphenol	12.074	107	81583	37.433	ng/ul	97
36) 2-Methylnaphthalene	12.433	142	165070	36.818	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.650	142	158333	34.987	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.803	216	95194	40.546	ng/ul#	97
40) Hexachlorocyclopentadiene	12.773	237	13690	13.029	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.055	196	56672	37.878	ng/ul	87
42) 2,4,5-Trichlorophenol	13.132	196	60450	38.550	ng/ul	89
43) 1,1'-Biphenyl	13.437	154	213328	38.200	ng/ul	99
44) 2-Chloronaphthalene	13.484	162	168085	37.471	ng/ul	98
45) 2-Nitroaniline	13.696	65	57788	37.944	ng/ul	98
47) Dimethylphthalate	14.060	163	223398	36.899	ng/ul	99
48) 2,6-Dinitrotoluene	14.195	165	48591	38.874	ng/ul#	84
50) Acenaphthylene	14.336	152	250416	38.198	ng/ul	97
51) 3-Nitroaniline	14.524	138	46572	38.612	ng/ul	96
52) Acenaphthene	14.677	153	184363	38.768	ng/ul	96
53) 2,4-Dinitrophenol	14.753	184	20525m	32.150	ng/ul	
55) 4-Nitrophenol	14.859	109	34163	30.443	ng/ul	85
56) Dibenzofuran	15.012	168	249446	37.877	ng/ul	99
57) 2,4-Dinitrotoluene	14.988	165	70723	39.335	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.247	232	49349	37.977	ng/ul#	92
59) Diethylphthalate	15.423	149	232087	37.473	ng/ul	98
61) Fluorene	15.664	166	211018	37.979	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.652	204	111294	37.858	ng/ul	95
63) 4-Nitroaniline	15.699	138	47078	39.113	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.764	198	36939	35.483	ng/ul	97
67) N-Nitrosodiphenylamine	15.869	169	183591	39.061	ng/ul	95
68) 4-Bromophenyl-phenylether	16.545	248	80754	40.890	ng/ul	99
69) Hexachlorobenzene	16.674	284	91402	40.080	ng/ul	95
70) Atrazine	16.821	200	84454	40.446	ng/ul	98
71) Pentachlorophenol	17.032	266	21737	22.510	ng/ul	97
72) Phenanthrene	17.408	178	357142	40.129	ng/ul	97
74) Anthracene	17.502	178	354237m	39.277	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.414	216	96743	40.391	ng/uL	92
76) Pentachlorobenzene	14.935	250	100768	39.704	ng/uL	97
77) Carbazole	17.773	167	328936	40.987	ng/ul	99
78) Di-n-butylphthalate	18.319	149	409490	39.896	ng/ul	98
80) Fluoranthene	19.423	202	465571	36.994	ng/ul#	96
82) Pyrene	19.788	202	455146	36.497	ng/ul	99
83) Butylbenzylphthalate	20.663	149	184697	37.530	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.532	252	172293	38.512	ng/ul	95
85) Benzo(a)anthracene	21.620	228	453531	38.567	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	260481	38.541	ng/ul	99
87) Chrysene	21.685	228	432011	38.863	ng/ul	96
89) Di-n-octyl phthalate	22.707	149	439879	39.718	ng/ul	100
90) Benzo(b)fluoranthene	23.835	252	470605	39.407	ng/ul	100
91) Benzo(k)fluoranthene	23.900	252	447674	39.438	ng/ul	100
93) Benzo(a)pyrene	24.710	252	405397	39.089	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.546	276	522967	38.227	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.599	278	438515	38.289	ng/ul#	98
96) Benzo(g,h,i)perylene	29.704	276	421360	36.635	ng/ul	99

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

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