Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049980.D
Acq On : 26 Aug 2021 14:24
Operator : CG/JU
Sample : SP5661
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP5661

Manual Integrations APPROVED
mohammad
8/27/2021 5:11:15 PM

Quant Time: Aug 26 15:40:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 10:07:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	19430	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.789	136	86841	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.630	164	60465	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.385	188	137141	20.000	ng/ul	0.00
79) Chrysene-d12	21.656	240	122390	20.000	ng/ul	0.00
88) Perylene-d12	24.887	264	124955	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5772	15.319	ng/uL	-0.01
4) Pyridine-d5	3.751	84	88459	77.941	ng/ul	-0.02
7) Phenol-d5	7.141	99	129155	78.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	72020	78.570	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.505	132	99497	80.594	ng/ul	0.00
15) 4-Methylphenol-d8	8.691	113	100872	77.630	ng/ul	0.00
21) Nitrobenzene-d5	9.144	128	49795	73.961	ng/ul	0.00
24) 2-Nitrophenol-d4	9.866	143	59994	74.836	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.418	165	106344	74.373	ng/ul	0.00
31) 4-Chloroaniline-d4	10.930	131	140620	72.253	ng/ul	0.00
46) Dimethylphthalate-d6	14.031	166	358588	77.491	ng/ul	0.00
49) Acenaphthylene-d8	14.325	160	425052	78.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.859	143	51251	76.550	ng/ul	0.00
60) Fluorene-d10	15.623	176	300881	76.688	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.764	200	65523	74.264	ng/ul	0.00
73) Anthracene-d10	17.485	188	479104	77.798	ng/ul	0.00
81) Pyrene-d10	19.776	212	556513	84.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.676	264	502661	75.825	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	7147	15.559	ng/uL#	84
5) Pyridine	3.774	79	47394	38.637	ng/ul	92
6) Benzaldehyde	7.099	77	42420	44.678	ng/ul	96
8) Phenol	7.170	94	71079	42.651	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.381	93	48300	41.984	ng/ul	95
12) 2-Chlorophenol	7.534	128	53740	44.052	ng/ul#	89
13) 2-Methylphenol	8.427	108	53971	41.977	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.492	45	50757	42.074	ng/ul	97
16) Acetophenone	8.797	105	90110	42.523	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.779	70	46471	43.674	ng/ul	97
18) 4-Methylphenol	8.756	108	59028	42.676	ng/ul	84
19) Hexachloroethane	9.056	117	23869	44.708	ng/ul	96
22) Nitrobenzene	9.185	77	71914	39.420	ng/ul	98
23) Isophorone	9.708	82	129102	39.719	ng/ul	95
25) 2-Nitrophenol	9.901	139	33693	43.229	ng/ul	92
26) 2,4-Dimethylphenol	9.960	107	70210	40.533	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.189	93	68226	40.648	ng/ul	100
29) 2,4-Dichlorophenol	10.448	162	56555	43.093	ng/ul	97
30) Naphthalene	10.841	128	174644	40.235	ng/ul	98
32) 4-Chloroaniline	10.953	127	71470	38.131	ng/ul	89
33) Hexachlorobutadiene	11.117	225	42780	40.294	ng/ul	98
34) Caprolactam	11.723	113	16848m	36.649	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	65639	41.849	ng/ul	95
36) 2-Methylnaphthalene	12.451	142	129940	40.272	ng/ul	100

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37) 1-Methylnaphthalene	12.674	142	126017	38.693	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.821	216	74478	41.937	ng/ul#	95
40) Hexachlorocyclopentadiene	12.798	237	14210	17.878	ng/ul	98
41) 2,4,6-Trichlorophenol	13.068	196	47061	41.582	ng/ul	88
42) 2,4,5-Trichlorophenol	13.150	196	48035	40.496	ng/ul	90
43) 1,1'-Biphenyl	13.461	154	170614	40.389	ng/ul	97
44) 2-Chloronaphthalene	13.508	162	136776	40.310	ng/ul	97
45) 2-Nitroaniline	13.714	65	48823	42.380	ng/ul	93
47) Dimethylphthalate	14.078	163	184941	40.383	ng/ul	99
48) 2,6-Dinitrotoluene	14.207	165	40528	42.864	ng/ul#	88
50) Acenaphthylene	14.354	152	199333	40.197	ng/ul	99
51) 3-Nitroaniline	14.542	138	37850	41.485	ng/ul	96
52) Acenaphthene	14.695	153	143860	39.992	ng/ul	99
53) 2,4-Dinitrophenol	14.765	184	17077	35.363	ng/ul#	86
55) 4-Nitrophenol	14.871	109	32803	38.644	ng/ul	95
56) Dibenzofuran	15.030	168	200657	40.280	ng/ul	96
57) 2,4-Dinitrotoluene	15.000	165	57046	41.945	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.271	232	40370	41.071	ng/ul#	97
59) Diethylphthalate	15.441	149	194106	41.432	ng/ul	98
61) Fluorene	15.682	166	167218	39.787	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.664	204	90346	40.628	ng/ul	99
63) 4-Nitroaniline	15.705	138	38772	42.585	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.776	198	30863	38.592	ng/ul	97
67) N-Nitrosodiphenylamine	15.887	169	148379	41.095	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	63846	42.084	ng/ul	97
69) Hexachlorobenzene	16.692	284	71999	41.099	ng/ul	96
70) Atrazine	16.833	200	68729	42.848	ng/ul	92
71) Pentachlorophenol	17.045	266	18794	25.335	ng/ul	93
72) Phenanthrene	17.427	178	286012	41.834	ng/ul	98
74) Anthracene	17.521	178	281424	40.620	ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.432	216	74316	40.390	ng/uL	93
76) Pentachlorobenzene	14.953	250	78345	40.184	ng/uL	96
77) Carbazole	17.791	167	257322	41.739	ng/ul	99
78) Di-n-butylphthalate	18.337	149	330714	41.944	ng/ul	97
80) Fluoranthene	19.442	202	356882	43.728	ng/ul	99
82) Pyrene	19.806	202	346424	42.835	ng/ul	99
83) Butylbenzylphthalate	20.675	149	136803	42.865	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.550	252	121265	41.798	ng/ul#	96
85) Benzo(a)anthracene	21.639	228	315946	41.429	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	182940	41.739	ng/ul	100
87) Chrysene	21.703	228	309029	42.867	ng/ul	96
89) Di-n-octyl phthalate	22.731	149	300150	40.491	ng/ul	100
90) Benzo(b)fluoranthene	23.859	252	320045	40.041	ng/ul	99
91) Benzo(k)fluoranthene	23.924	252	317295	41.763	ng/ul	98
93) Benzo(a)pyrene	24.740	252	284033	40.918	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.582	276	370242	40.434	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.647	278	312519	40.770	ng/ul	99
96) Benzo(g,h,i)perylene	29.751	276	306017m	39.752	ng/ul	

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

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