Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115626.D
Acq On : 17 Jul 2019 17:09
Operator : HP/JU
Sample : K3838-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Manual Integrations APPROVED
mohammad
7/19/2019 2:25:55 PM

Quant Time: Jul 18 05:14:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	192097	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	657990	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	320139	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	563917	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	296666	20.00	ng		-0.02
87) Perylene-d12	15.50	264	319178	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1150313	97.95	ng		0.01
7) Phenol-d6	6.52	99	1649956	110.72	ng		0.00
23) Nitrobenzene-d5	7.45	82	918190	81.14	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	348137	93.16	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1593336	87.11	ng		-0.01
79) Terphenyl-d14	12.98	244	1385425	86.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	187420	31.993	ng		99
3) Pyridine	3.51	79	215889	13.583	ng		98
4) n-Nitrosodimethylamine	3.45	42	216689	37.581	ng		98
6) Aniline	6.55	93	537327	25.910	ng		98
8) 2-Chlorophenol	6.67	128	507903	37.616	ng		95
9) Benzaldehyde	6.43	77	274345	29.461	ng		99
10) Phenol	6.53	94	653245	37.762	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	510589	38.768	ng		99
12) 1,3-Dichlorobenzene	6.83	146	543910	35.829	ng		98
13) 1,4-Dichlorobenzene	6.90	146	541359	35.741	ng		97
14) 1,2-Dichlorobenzene	7.06	146	521149	37.639	ng		96
15) Benzyl Alcohol	7.02	79	452455	38.275	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	661248	38.135	ng		97
17) 2-Methylphenol	7.13	107	432760	37.191	ng		99
18) Hexachloroethane	7.40	117	168309	29.938	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	340170	35.002	ng		100
20) 3+4-Methylphenols	7.29	107	489435	35.411	ng		95
22) Acetophenone	7.29	105	667301	44.891	ng	#	93
24) Nitrobenzene	7.46	77	484516	39.697	ng		98
25) Isophorone	7.70	82	858711	37.923	ng		100
26) 2-Nitrophenol	7.77	139	211698	33.698	ng		98
27) 2,4-Dimethylphenol	7.82	122	367792	39.128	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	528652	38.056	ng		99
29) 2,4-Dichlorophenol	8.02	162	362629	37.095	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	418156	37.841	ng		98
31) Naphthalene	8.19	128	1265046	39.698	ng		97
33) 4-Chloroaniline	8.23	127	389224	27.575	ng		98
34) Hexachlorobutadiene	8.31	225	238518	37.640	ng		99
35) Caprolactam	8.59	113	65293m	21.614	ng		
36) 4-Chloro-3-methylphenol	8.71	107	387603	38.223	ng		96
37) 2-Methylnaphthalene	8.87	142	837367	39.642	ng		97
38) 1-Methylnaphthalene	8.97	142	782436	38.997	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	386092	40.049	ng		98
41) Hexachlorocyclopentadiene	9.03	237	294076	53.475	ng		99

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QLast Update : Fri Jul 12 14:03:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	248823	35.294	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	257307	35.638	ng		98
46) 1,1'-Biphenyl	9.34	154	1017479	40.653	ng		99
47) 2-Chloronaphthalene	9.36	162	806299	38.690	ng		98
48) 2-Nitroaniline	9.46	65	245498	38.061	ng		93
49) Acenaphthylene	9.78	152	1209706	39.175	ng		98
50) Dimethylphthalate	9.64	163	1193816	49.564	ng		99
51) 2,6-Dinitrotoluene	9.70	165	213500	39.004	ng		93
52) Acenaphthene	9.95	154	719168	36.073	ng		98
53) 3-Nitroaniline	9.86	138	203963	32.607	ng		99
54) 2,4-Dinitrophenol	9.97	184	12939	4.604	ng		93
55) Dibenzofuran	10.12	168	1075945	38.003	ng		99
56) 4-Nitrophenol	10.02	139	292125	61.243	ng		99
57) 2,4-Dinitrotoluene	10.10	165	276007	38.921	ng		96
58) Fluorene	10.46	166	773693	38.226	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	186622	30.921	ng		97
60) Diethylphthalate	10.33	149	892202	39.534	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	411736	36.683	ng		100
62) 4-Nitroaniline	10.47	138	199152	33.192	ng		96
63) Azobenzene	10.62	77	844789	38.593	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	51489	14.945	ng		94
66) n-Nitrosodiphenylamine	10.57	169	721324	41.121	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	253507	39.339	ng		97
68) Hexachlorobenzene	11.02	284	276086	37.515	ng	#	92
69) Atrazine	11.10	200	237673	41.302	ng		99
70) Pentachlorophenol	11.20	266	171606	38.125	ng		98
71) Phenanthrene	11.43	178	1128921	39.055	ng		97
72) Anthracene	11.47	178	1156959	38.729	ng		99
73) Carbazole	11.63	167	983386	37.539	ng		98
74) Di-n-butylphthalate	11.96	149	1296159	40.168	ng		100
75) Fluoranthene	12.61	202	1044120	34.182	ng		98
77) Benzidine	12.72	184	105965	10.083	ng		98
78) Pyrene	12.84	202	1024869	40.775	ng		97
80) Butylbenzylphthalate	13.45	149	449664	41.967	ng		98
81) Benzo(a)anthracene	14.02	228	758190	38.793	ng		98
82) 3,3'-Dichlorobenzidine	13.98	252	262199	37.738	ng		99
83) Chrysene	14.06	228	760802	38.777	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	594396	44.785	ng	#	98
85) Di-n-octyl phthalate	14.62	149	936127	44.330	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	812851	48.765	ng		99
88) Benzo(b)fluoranthene	15.07	252	759597	36.959	ng		98
89) Benzo(k)fluoranthene	15.10	252	712916	38.907	ng		97
90) Benzo(a)pyrene	15.44	252	712787	40.351	ng		100
91) Dibenzo(a,h)anthracene	16.99	278	687857	44.355	ng		99
92) Benzo(g,h,i)perylene	17.42	276	657150	42.489	ng		99

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

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