Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124557.D
Acq On : 13 Jul 2021 21:19
Operator : JU/CG
Sample : M2940-08
Misc : LOQ-WATER-10ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:07 PM

Quant Time: Jul 14 02:34:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	7726	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	30917	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	17044	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	29951	20.000	ng		0.00
76) Chrysene-d12	14.092	240	18814	20.000	ng		0.00
86) Perylene-d12	15.586	264	14159	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	51455	115.389	ng		0.00
7) Phenol-d6	6.551	99	62725	115.629	ng		0.00
23) Nitrobenzene-d5	7.487	82	36905	75.354	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	15248	114.963	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	87819	75.136	ng		0.00
79) Terphenyl-d14	13.045	244	90570	80.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	1203	7.541	ng	#	100
3) Pyridine	3.587	79	2696	7.207	ng		94
4) n-Nitrosodimethylamine	3.504	42	2672	8.788	ng		98
6) Aniline	6.593	93	6139	10.741	ng		92
8) 2-Chlorophenol	6.710	128	4633	9.267	ng		95
9) Benzaldehyde	6.475	77	3245	10.196	ng		95
10) Phenol	6.557	94	4959	9.363	ng		88
11) bis(2-Chloroethyl)ether	6.657	93	3963	9.652	ng		94
12) 1,3-Dichlorobenzene	6.869	146	5360m	9.796	ng		
13) 1,4-Dichlorobenzene	6.945	146	5368	9.605	ng		98
14) 1,2-Dichlorobenzene	7.098	146	4893	9.213	ng		93
15) Benzyl Alcohol	7.057	79	3851	10.260	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.198	45	6856	9.688	ng		93
17) 2-Methylphenol	7.163	107	3556	9.718	ng		97
18) Hexachloroethane	7.440	117	2068	9.826	ng		95
19) n-Nitroso-di-n-propyla...	7.334	70	2667	8.745	ng	#	92
20) 3+4-Methylphenols	7.316	107	4226	8.772	ng	#	89
22) Acetophenone	7.328	105	6766	9.643	ng	#	97
24) Nitrobenzene	7.504	77	4088	8.418	ng		95
25) Isophorone	7.739	82	7808	8.684	ng		96
26) 2-Nitrophenol	7.822	139	2419	9.234	ng		92
27) 2,4-Dimethylphenol	7.851	122	4482	10.325	ng		98
28) bis(2-Chloroethoxy)met...	7.951	93	4916	9.374	ng		95
29) 2,4-Dichlorophenol	8.051	162	4290	9.581	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	4682	9.449	ng		96
31) Naphthalene	8.228	128	15078	9.429	ng	#	95
32) Benzoic acid	7.910	122	1890	10.383	ng		94
33) 4-Chloroaniline	8.269	127	5981	9.898	ng		97
34) Hexachlorobutadiene	8.345	225	2731	9.765	ng		93
35) Caprolactam	8.610	113	799	7.055	ng		88
36) 4-Chloro-3-methylphenol	8.739	107	3896	8.799	ng		92
37) 2-Methylnaphthalene	8.922	142	10084	9.345	ng		99
38) 1-Methylnaphthalene	9.022	142	9090	8.970	ng		94
40) 1,2,4,5-Tetrachloroben...	9.081	216	4296	9.450	ng		99
41) Hexachlorocyclopentadiene	9.075	237	3188	11.227	ng		92
43) 2,4,6-Trichlorophenol	9.192	196	3053	9.303	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	2981	8.807	ng		91
46) 1,1'-Biphenyl	9.386	154	12324	9.520	ng		96
47) 2-Chloronaphthalene	9.410	162	8864	8.734	ng	#	90
48) 2-Nitroaniline	9.498	65	2227	9.125	ng		91
49) Acenaphthylene	9.828	152	14399	9.091	ng		96
50) Dimethylphthalate	9.681	163	10987	9.265	ng	#	98
51) 2,6-Dinitrotoluene	9.739	165	2308	9.873	ng		95
52) Acenaphthene	9.998	154	9518	9.399	ng		97
53) 3-Nitroaniline	9.910	138	2523	9.672	ng	#	89
54) 2,4-Dinitrophenol	10.010	184	785	6.435	ng	#	85
55) Dibenzofuran	10.169	168	13548	9.099	ng		99
56) 4-Nitrophenol	10.045	139	2108	9.709	ng		91
57) 2,4-Dinitrotoluene	10.139	165	3034	9.480	ng	#	81
58) Fluorene	10.510	166	10227	8.880	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.281	232	2387	9.131	ng	#	94
60) Diethylphthalate	10.381	149	12096	9.756	ng		97
61) 4-Chlorophenyl-phenyle...	10.504	204	4686	8.964	ng		97
62) 4-Nitroaniline	10.516	138	2526	9.608	ng		85
63) Azobenzene	10.669	77	9790	9.033	ng		91
65) 4,6-Dinitro-2-methylph...	10.545	198	1212	7.084	ng		89
66) n-Nitrosodiphenylamine	10.622	169	9421	9.660	ng		96
67) 4-Bromophenyl-phenylether	10.998	248	2836	9.157	ng		92
68) Hexachlorobenzene	11.057	284	2860	9.013	ng	#	84
69) Atrazine	11.145	200	3156	10.566	ng		91
70) Pentachlorophenol	11.245	266	1667	8.306	ng		99
71) Phenanthrene	11.475	178	15264	9.341	ng		95
72) Anthracene	11.527	178	15597	9.514	ng		94
73) Carbazole	11.675	167	13449	8.879	ng		98
74) Di-n-butylphthalate	12.010	149	18983	9.303	ng		97
75) Fluoranthene	12.663	202	14746	8.944	ng		95
77) Benzidine	12.780	184	8488	12.068	ng		97
78) Pyrene	12.892	202	15465	9.894	ng		99
80) Butylbenzylphthalate	13.510	149	6932	9.172	ng		96
81) Benzo(a)anthracene	14.080	228	11722	9.395	ng		97
82) 3,3'-Dichlorobenzidine	14.045	252	4283	13.104	ng	#	92
83) Chrysene	14.116	228	11453	9.582	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	9105	8.973	ng	#	97
85) Di-n-octyl phthalate	14.686	149	12730	8.670	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	7650	9.316	ng		92
88) Benzo(b)fluoranthene	15.139	252	9268m	9.119	ng		
89) Benzo(k)fluoranthene	15.174	252	8641	9.267	ng	#	95
90) Benzo(a)pyrene	15.521	252	7808	9.307	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	6448	9.225	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	6416	9.402	ng		94

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

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