Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006485.D
Acq On : 03 Aug 2021 19:16
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WATER-10ppm
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:11 PM

Quant Time: Aug 04 01:17:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	173872	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	719622	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	413218	20.000	ng		0.00
64) Phenanthrene-d10	17.134	188	809455	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	843401	20.000	ng	#	0.00
86) Perylene-d12	23.557	264	888465	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1355158	119.711	ng		0.00
7) Phenol-d6	6.934	99	1859333	115.626	ng		0.00
23) Nitrobenzene-d5	8.910	82	1014778	65.089	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	503296	116.542	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1769089	64.053	ng		0.00
79) Terphenyl-d14	19.710	244	2547459	60.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	53177	10.790	ng		89
3) Pyridine	3.705	79	133723	9.232	ng		95
4) n-Nitrosodimethylamine	3.617	42	57883	10.587	ng	#	93
6) Aniline	7.093	93	196788	11.266	ng		95
8) 2-Chlorophenol	7.322	128	123476	10.081	ng		89
9) Benzaldehyde	6.911	77	129400m	13.370	ng		
10) Phenol	6.958	94	161536	10.018	ng		96
11) bis(2-Chloroethyl)ether	7.193	93	127917	10.448	ng		88
12) 1,3-Dichlorobenzene	7.646	146	130791	10.246	ng		97
13) 1,4-Dichlorobenzene	7.793	146	137311	10.599	ng		96
14) 1,2-Dichlorobenzene	8.105	146	129107	10.385	ng		94
15) Benzyl Alcohol	8.005	79	118637	9.838	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	151266	10.382	ng		93
17) 2-Methylphenol	8.199	107	101197	9.939	ng		97
18) Hexachloroethane	8.828	117	53682	10.468	ng		87
19) n-Nitroso-di-n-propyla...	8.563	70	107395	9.955	ng	#	95
20) 3+4-Methylphenols	8.528	107	130504	9.417	ng		99
22) Acetophenone	8.581	105	202381	10.605	ng		97
24) Nitrobenzene	8.952	77	164396	10.144	ng	#	88
25) Isophorone	9.481	82	257096	9.181	ng		95
26) 2-Nitrophenol	9.663	139	52043	8.824	ng		89
27) 2,4-Dimethylphenol	9.722	122	110099	11.148	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	165196	11.026	ng		97
29) 2,4-Dichlorophenol	10.187	162	92026	9.203	ng		90
30) 1,2,4-Trichlorobenzene	10.404	180	107919	10.044	ng		97
31) Naphthalene	10.593	128	385289	9.964	ng		100
32) Benzoic acid	9.799	122	44154	5.779	ng		97
33) 4-Chloroaniline	10.704	127	156825	10.022	ng	#	94
34) Hexachlorobutadiene	10.875	225	60926	9.731	ng		98
35) Caprolactam	11.481	113	32507	9.016	ng	#	69
36) 4-Chloro-3-methylphenol	11.828	107	115800	9.115	ng		89
37) 2-Methylnaphthalene	12.204	142	257352	9.822	ng		99
38) 1-Methylnaphthalene	12.422	142	240634	9.664	ng		97
40) 1,2,4,5-Tetrachloroben...	12.569	216	111534	10.313	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	71798	12.517	ng		95
43) 2,4,6-Trichlorophenol	12.816	196	64169	8.689	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	73094	8.942	ng	#	88
46) 1,1'-Biphenyl	13.222	154	325697	10.413	ng		96
47) 2-Chloronaphthalene	13.257	162	238249	9.892	ng		95
48) 2-Nitroaniline	13.469	65	75499	8.882	ng		86
49) Acenaphthylene	14.104	152	378986	9.758	ng		99
50) Dimethylphthalate	13.851	163	293942	9.772	ng		99
51) 2,6-Dinitrotoluene	13.969	165	58625	8.735	ng	#	77
52) Acenaphthene	14.451	154	230410	9.748	ng		99
53) 3-Nitroaniline	14.298	138	66633	8.955	ng		83
54) 2,4-Dinitrophenol	14.498	184	22251	6.339	ng	#	73
55) Dibenzofuran	14.787	168	361962	9.736	ng		95
56) 4-Nitrophenol	14.598	139	54329	8.409	ng	#	85
57) 2,4-Dinitrotoluene	14.757	165	73463	8.161	ng	#	74
58) Fluorene	15.434	166	285079	9.593	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	60454	8.825	ng	#	72
60) Diethylphthalate	15.222	149	306861	9.713	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	131656	9.783	ng	#	89
62) 4-Nitroaniline	15.457	138	68272	8.647	ng		92
63) Azobenzene	15.728	77	343650	9.330	ng		91
65) 4,6-Dinitro-2-methylph...	15.516	198	32744	6.620	ng	#	68
66) n-Nitrosodiphenylamine	15.651	169	244160	9.597	ng		97
67) 4-Bromophenyl-phenylether	16.334	248	74965	9.652	ng	#	88
68) Hexachlorobenzene	16.434	284	86755	9.816	ng	#	85
69) Atrazine	16.610	200	81435	10.257	ng		95
70) Pentachlorophenol	16.781	266	47159	8.410	ng		94
71) Phenanthrene	17.181	178	454433	9.953	ng		100
72) Anthracene	17.269	178	441096	9.998	ng		99
73) Carbazole	17.545	167	415641	9.236	ng		98
74) Di-n-butylphthalate	18.116	149	468456	9.137	ng		99
75) Fluoranthene	19.151	202	488935	9.541	ng		93
77) Benzidine	19.339	184	268665	12.730	ng		98
78) Pyrene	19.504	202	521660	9.260	ng		98
80) Butylbenzylphthalate	20.398	149	205670	8.302	ng		88
81) Benzo(a)anthracene	21.216	228	521379	9.459	ng		99
82) 3,3'-Dichlorobenzidine	21.157	252	173850	12.014	ng	#	94
83) Chrysene	21.269	228	515489	9.647	ng		100
84) Bis(2-ethylhexyl)phtha...	21.163	149	321357	8.633	ng	#	95
85) Di-n-octyl phthalate	22.069	149	515511	8.402	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.957	276	619209	9.612	ng	#	88
88) Benzo(b)fluoranthene	22.851	252	529397	9.168	ng	#	96
89) Benzo(k)fluoranthene	22.898	252	530805	9.574	ng	#	95
90) Benzo(a)pyrene	23.457	252	500449	9.663	ng	#	94
91) Dibenzo(a,h)anthracene	25.980	278	530975	9.533	ng	#	91
92) Benzo(g,h,i)perylene	26.692	276	511484	9.583	ng	#	89

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

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