Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006484.D
Acq On : 03 Aug 2021 18:42
Operator : CG/JU
Sample : M2262-08
Misc : LOQ-WATER-5ppm
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:09 PM

Quant Time: Aug 04 01:17:21 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	186029	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	753026	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	434000	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	860293	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	827810	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	836793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1434124	118.408	ng		0.00
7) Phenol-d6	6.934	99	1961471	114.006	ng		0.00
23) Nitrobenzene-d5	8.916	82	1236446	75.789	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	543520	119.829	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2186115	75.362	ng		0.00
79) Terphenyl-d14	19.716	244	3109361	75.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	31218	5.920	ng		90
3) Pyridine	3.711	79	74027	4.777	ng		93
4) n-Nitrosodimethylamine	3.622	42	32092	5.486	ng	#	93
6) Aniline	7.099	93	111266	5.954	ng		93
8) 2-Chlorophenol	7.322	128	69717	5.320	ng		89
9) Benzaldehyde	6.910	77	76961m	7.432	ng		
10) Phenol	6.958	94	90817	5.264	ng		91
11) bis(2-Chloroethyl)ether	7.199	93	71194	5.435	ng		89
12) 1,3-Dichlorobenzene	7.646	146	75044	5.494	ng	#	96
13) 1,4-Dichlorobenzene	7.793	146	77770	5.610	ng		96
14) 1,2-Dichlorobenzene	8.105	146	72850	5.477	ng		95
15) Benzyl Alcohol	8.005	79	64588	5.006	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.293	45	86181	5.529	ng		92
17) 2-Methylphenol	8.205	107	54560	5.008	ng		99
18) Hexachloroethane	8.828	117	31036	5.657	ng	#	85
19) n-Nitroso-di-n-propyla...	8.563	70	59843	5.184	ng	#	94
20) 3+4-Methylphenols	8.528	107	72412	4.884	ng		97
22) Acetophenone	8.581	105	112886	5.653	ng	#	98
24) Nitrobenzene	8.957	77	91084	5.371	ng		89
25) Isophorone	9.481	82	142118	4.850	ng		96
26) 2-Nitrophenol	9.663	139	27311	4.425	ng		93
27) 2,4-Dimethylphenol	9.728	122	58453	5.656	ng		92
28) bis(2-Chloroethoxy)met...	9.969	93	91501	5.836	ng		96
29) 2,4-Dichlorophenol	10.187	162	48602	4.645	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	60542	5.385	ng		96
31) Naphthalene	10.593	128	221902	5.484	ng		98
32) Benzoic acid	9.781	122	19837m	2.481	ng		
33) 4-Chloroaniline	10.710	127	86873	5.305	ng		96
34) Hexachlorobutadiene	10.875	225	34532	5.271	ng		96
35) Caprolactam	11.481	113	16479	4.368	ng	#	85
36) 4-Chloro-3-methylphenol	11.828	107	61364	4.616	ng		91
37) 2-Methylnaphthalene	12.204	142	145880	5.320	ng		100
38) 1-Methylnaphthalene	12.422	142	136436	5.236	ng		95
40) 1,2,4,5-Tetrachloroben...	12.569	216	63023	5.548	ng	#	94
41) Hexachlorocyclopentadiene	12.551	237	39360	6.533	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	35167	4.534	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	38638	4.500	ng	#	88
46) 1,1'-Biphenyl	13.222	154	189904	5.781	ng		96
47) 2-Chloronaphthalene	13.257	162	137020	5.416	ng		96
48) 2-Nitroaniline	13.469	65	40414	4.527	ng	#	82
49) Acenaphthylene	14.104	152	214402	5.256	ng		98
50) Dimethylphthalate	13.851	163	169458	5.364	ng		98
51) 2,6-Dinitrotoluene	13.969	165	32363	4.591	ng	#	69
52) Acenaphthene	14.445	154	129649	5.223	ng		97
53) 3-Nitroaniline	14.292	138	34449	4.408	ng	#	75
54) 2,4-Dinitrophenol	14.498	184	11626	3.154	ng	#	76
55) Dibenzofuran	14.787	168	206725	5.294	ng		93
56) 4-Nitrophenol	14.598	139	26834	3.954	ng	#	80
57) 2,4-Dinitrotoluene	14.751	165	38321	4.053	ng	#	69
58) Fluorene	15.434	166	162710	5.213	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	33149	4.607	ng	#	69
60) Diethylphthalate	15.222	149	174412	5.256	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	75859	5.367	ng	#	89
62) 4-Nitroaniline	15.457	138	34348	4.142	ng		90
63) Azobenzene	15.728	77	185566	4.797	ng		93
65) 4,6-Dinitro-2-methylph...	15.516	198	16516	3.142	ng		79
66) n-Nitrosodiphenylamine	15.651	169	138545	5.124	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	42577	5.158	ng	#	86
68) Hexachlorobenzene	16.434	284	50694	5.397	ng	#	83
69) Atrazine	16.610	200	43425	5.146	ng		96
70) Pentachlorophenol	16.786	266	25384	4.259	ng		98
71) Phenanthrene	17.181	178	256997	5.296	ng		98
72) Anthracene	17.269	178	244731	5.219	ng		99
73) Carbazole	17.545	167	228241	4.772	ng		98
74) Di-n-butylphthalate	18.116	149	253057	4.644	ng		99
75) Fluoranthene	19.151	202	270449	4.966	ng		93
77) Benzidine	19.345	184	121252	5.853	ng		98
78) Pyrene	19.504	202	285857	5.170	ng		100
80) Butylbenzylphthalate	20.398	149	103445	4.255	ng		85
81) Benzo(a)anthracene	21.221	228	277050	5.121	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	87092	6.132	ng	#	95
83) Chrysene	21.269	228	282741	5.391	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	158058	4.326	ng	#	93
85) Di-n-octyl phthalate	22.069	149	246897	4.100	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.962	276	307178	5.063	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	269480	4.955	ng	#	95
89) Benzo(k)fluoranthene	22.898	252	279182	5.347	ng	#	96
90) Benzo(a)pyrene	23.457	252	250651	5.138	ng	#	93
91) Dibenzo(a,h)anthracene	25.980	278	267328	5.096	ng	#	91
92) Benzo(g,h,i)perylene	26.692	276	257362	5.119	ng	#	91

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

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