Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006289.D
Acq On : 23 Jul 2021 16:11
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT3-2021

Quant Time: Jul 23 16:37:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	278623	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1173674	20.000	ng	#	0.00
39) Acenaphthene-d10	14.422	164	693559	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1362934	20.000	ng	#	0.00
76) Chrysene-d12	21.275	240	1310005	20.000	ng	#	0.00
86) Perylene-d12	23.627	264	1334050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1900731	109.502	ng		-0.01
7) Phenol-d6	6.964	99	2683341	111.702	ng		-0.01
23) Nitrobenzene-d5	8.946	82	1422271	64.123	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	653176	103.359	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2847928	61.762	ng		0.00
79) Terphenyl-d14	19.751	244	4053056	62.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	28348	3.844	ng		88
3) Pyridine	3.734	79	70010	3.320	ng		97
4) n-Nitrosodimethylamine	3.640	42	29606	4.105	ng	#	77
6) Aniline	7.128	93	116772	4.472	ng		97
8) 2-Chlorophenol	7.358	128	75295	3.973	ng		89
9) Benzaldehyde	6.940	77	74326	5.363	ng		89
10) Phenol	6.993	94	94853	3.970	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	76502	4.169	ng		90
12) 1,3-Dichlorobenzene	7.681	146	80600	3.988	ng		95
13) 1,4-Dichlorobenzene	7.828	146	82535	4.021	ng		99
14) 1,2-Dichlorobenzene	8.140	146	78403	3.991	ng		98
15) Benzyl Alcohol	8.034	79	67790	3.923	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	86958	4.366	ng		94
17) 2-Methylphenol	8.234	107	60248	3.906	ng		98
18) Hexachloroethane	8.863	117	28945	3.878	ng		87
19) n-Nitroso-di-n-propyla...	8.599	70	57396	3.876	ng	#	92
20) 3+4-Methylphenols	8.558	107	77941	3.738	ng		97
22) Acetophenone	8.611	105	115596	3.983	ng	#	99
24) Nitrobenzene	8.987	77	93525	4.039	ng		92
25) Isophorone	9.516	82	141191	3.467	ng		95
26) 2-Nitrophenol	9.699	139	27798	3.137	ng	#	93
27) 2,4-Dimethylphenol	9.758	122	64449	4.042	ng		99
28) bis(2-Chloroethoxy)met...	10.005	93	99564	4.287	ng		97
29) 2,4-Dichlorophenol	10.228	162	54052	3.308	ng		92
30) 1,2,4-Trichlorobenzene	10.440	180	68692	3.813	ng		97
31) Naphthalene	10.628	128	245951	3.966	ng		100
32) Benzoic acid	9.810	122	24592	2.168	ng		97
33) 4-Chloroaniline	10.740	127	95235	3.840	ng		96
34) Hexachlorobutadiene	10.916	225	38367	3.630	ng		99
35) Caprolactam	11.516	113	16917	3.271	ng	#	79
36) 4-Chloro-3-methylphenol	11.863	107	66100	3.399	ng		92
37) 2-Methylnaphthalene	12.240	142	167527	3.934	ng		96
38) 1-Methylnaphthalene	12.457	142	152225	3.792	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	73078	3.908	ng	#	96
41) Hexachlorocyclopentadiene	12.593	237	38407	3.792	ng		94
43) 2,4,6-Trichlorophenol	12.852	196	40228	3.259	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	43417	3.208	ng	#	93
46) 1,1'-Biphenyl	13.257	154	214206	4.123	ng		96
47) 2-Chloronaphthalene	13.293	162	154052	3.861	ng		96
48) 2-Nitroaniline	13.504	65	36022	3.135	ng		89
49) Acenaphthylene	14.140	152	230945	3.654	ng		99
50) Dimethylphthalate	13.887	163	186910	3.840	ng		99
51) 2,6-Dinitrotoluene	14.004	165	30875	2.930	ng	#	80
52) Acenaphthene	14.487	154	148269	3.795	ng		97
53) 3-Nitroaniline	14.328	138	34928	3.087	ng	#	79
54) 2,4-Dinitrophenol	14.534	184	12754	2.402	ng		93
55) Dibenzofuran	14.822	168	234500	3.833	ng		99
56) 4-Nitrophenol	14.634	139	27366	2.843	ng		87
57) 2,4-Dinitrotoluene	14.787	165	37438	2.718	ng	#	82
58) Fluorene	15.469	166	184122	3.776	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.046	232	35266	3.138	ng	#	75
60) Diethylphthalate	15.257	149	187722	3.760	ng		97
61) 4-Chlorophenyl-phenyle...	15.475	204	88847	3.889	ng		91
62) 4-Nitroaniline	15.493	138	35325	3.012	ng		84
63) Azobenzene	15.769	77	186255	3.495	ng		91
65) 4,6-Dinitro-2-methylph...	15.545	198	17671	2.332	ng		78
66) n-Nitrosodiphenylamine	15.687	169	154534	3.659	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	37828	3.143	ng		90
68) Hexachlorobenzene	16.475	284	56686	3.722	ng		95
69) Atrazine	16.651	200	48640	3.648	ng		97
70) Pentachlorophenol	16.822	266	26757	2.928	ng		99
71) Phenanthrene	17.216	178	289595	3.851	ng		99
72) Anthracene	17.310	178	270419	3.718	ng		99
73) Carbazole	17.581	167	253396	3.483	ng		98
74) Di-n-butylphthalate	18.157	149	281194	3.415	ng		100
75) Fluoranthene	19.192	202	312504	3.713	ng		95
77) Benzidine	19.381	184	114830	3.358	ng		98
78) Pyrene	19.545	202	319518	3.708	ng		100
80) Butylbenzylphthalate	20.439	149	114761	3.148	ng		89
81) Benzo(a)anthracene	21.257	228	311386	3.702	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	93786	4.213	ng	#	97
83) Chrysene	21.310	228	306798	3.771	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	179058	3.259	ng	#	99
85) Di-n-octyl phthalate	22.122	149	281429	3.080	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.063	276	352781	3.700	ng	#	88
88) Benzo(b)fluoranthene	22.910	252	310034	3.615	ng	#	95
89) Benzo(k)fluoranthene	22.957	252	315680	3.888	ng	#	94
90) Benzo(a)pyrene	23.522	252	290411	3.780	ng	#	94
91) Dibenzo(a,h)anthracene	26.086	278	304865	3.701	ng	#	92
92) Benzo(g,h,i)perylene	26.810	276	294770	3.711	ng	#	91

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

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