Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003682.D
Acq On : 20 Oct 2020 17:31
Operator : CG/JU
Sample : L4214-08
Misc : LOQ-WATER 5PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 20 18:04:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED
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10/21/2020 12:51:10 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	126375	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	440894	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	295410	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	656893	20.00	ng		0.00
76) Chrysene-d12	21.845	240	679825	20.00	ng	#	0.00
86) Perylene-d12	24.415	264	623708	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1065285	140.96	ng		0.00
7) Phenol-d6	7.675	99	1422962	133.27	ng		0.00
23) Nitrobenzene-d5	9.693	82	986137	94.62	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	646792	140.34	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	2250234	98.48	ng		0.00
79) Terphenyl-d14	20.304	244	3719316	96.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	16418	5.08	ng	#	88
3) Pyridine	4.134	79	41543	4.55	ng	#	94
4) n-Nitrosodimethylamine	4.022	42	17128	4.40	ng	#	62
6) Aniline	7.822	93	60216	5.08	ng	#	87
8) 2-Chlorophenol	8.087	128	35799	4.76	ng	#	72
9) Benzaldehyde	7.622	77	35257	6.26	ng	#	76
10) Phenol	7.699	94	48957	4.81	ng		71
11) bis(2-Chloroethyl)ether	7.904	93	37450	4.64	ng		90
12) 1,3-Dichlorobenzene	8.422	146	43580	4.49	ng	#	90
13) 1,4-Dichlorobenzene	8.563	146	45343m	4.63	ng		
14) 1,2-Dichlorobenzene	8.898	146	42772	4.61	ng		95
15) Benzyl Alcohol	8.751	79	35674	4.37	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	9.051	45	36047	4.51	ng		98
17) 2-Methylphenol	8.969	107	29610	4.40	ng	#	89
18) Hexachloroethane	9.651	117	16735	4.43	ng		93
19) n-Nitroso-di-n-propyla...	9.322	70	29041	4.45	ng	#	87
20) 3+4-Methylphenols	9.298	107	40365	4.45	ng		91
22) Acetophenone	9.340	105	58618	4.54	ng	#	86
24) Nitrobenzene	9.734	77	50418	5.02	ng	#	75
25) Isophorone	10.257	82	77877	4.64	ng	#	88
26) 2-Nitrophenol	10.457	139	15517	4.14	ng	#	62
27) 2,4-Dimethylphenol	10.516	122	31546	5.36	ng		88
28) bis(2-Chloroethoxy)met...	10.728	93	48584	4.53	ng		96
29) 2,4-Dichlorophenol	11.010	162	33702	4.37	ng		95
30) 1,2,4-Trichlorobenzene	11.234	180	44492	4.50	ng		95
31) Naphthalene	11.422	128	111081	4.67	ng		99
32) Benzoic acid	10.587	122	6905m	1.98	ng		
33) 4-Chloroaniline	11.498	127	45885	4.68	ng	#	85
34) Hexachlorobutadiene	11.728	225	32445	4.35	ng		98
35) Caprolactam	12.192	113	8659	3.83	ng	#	56
36) 4-Chloro-3-methylphenol	12.598	107	35928	4.29	ng	#	84
37) 2-Methylnaphthalene	12.986	142	80788	4.68	ng	#	93
38) 1-Methylnaphthalene	13.198	142	76397	4.69	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.357	216	54181	4.63	ng		99
41) Hexachlorocyclopentadiene	13.351	237	33158	4.90	ng		96
43) 2,4,6-Trichlorophenol	13.575	196	27493	3.95	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	29621	4.10	ng	#	96
46) 1,1'-Biphenyl	13.957	154	110526	4.80	ng		97
47) 2-Chloronaphthalene	14.010	162	85088	4.42	ng		97
48) 2-Nitroaniline	14.181	65	19427	3.41	ng	#	58
49) Acenaphthylene	14.845	152	122257	4.45	ng		100
50) Dimethylphthalate	14.539	163	102944	4.24	ng		99
51) 2,6-Dinitrotoluene	14.651	165	20992	4.25	ng	#	63
52) Acenaphthene	15.181	154	80716	4.35	ng		96
53) 3-Nitroaniline	14.981	138	18515	3.82	ng	#	57
54) 2,4-Dinitrophenol	15.186	184	5449	2.41	ng	#	1
55) Dibenzofuran	15.510	168	130630	4.65	ng		97
56) 4-Nitrophenol	15.286	139	13651	3.76	ng	#	51
57) 2,4-Dinitrotoluene	15.433	165	25591	3.83	ng	#	65
58) Fluorene	16.151	166	105962	4.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.739	232	26567	3.83	ng		92
60) Diethylphthalate	15.880	149	101384	4.26	ng		97
61) 4-Chlorophenyl-phenyle...	16.128	204	61712	4.51	ng		95
62) 4-Nitroaniline	16.133	138	18491	3.44	ng	#	55
63) Azobenzene	16.416	77	97490	4.36	ng		85
65) 4,6-Dinitro-2-methylph...	16.204	198	11169	3.23	ng		90
66) n-Nitrosodiphenylamine	16.333	169	88629	4.53	ng		96
67) 4-Bromophenyl-phenylether	17.016	248	38026	4.32	ng		98
68) Hexachlorobenzene	17.180	284	44255	4.37	ng		98
69) Atrazine	17.251	200	29820	3.91	ng		97
70) Pentachlorophenol	17.504	266	15425	3.09	ng		93
71) Phenanthrene	17.880	178	168495	4.62	ng		99
72) Anthracene	17.963	178	163241	4.63	ng		98
73) Carbazole	18.210	167	137623	4.39	ng		99
74) Di-n-butylphthalate	18.716	149	145004	3.79	ng	#	97
75) Fluoranthene	19.792	202	193359	4.31	ng		97
77) Benzidine	19.927	184	79935	4.91	ng		98
78) Pyrene	20.139	202	204989	4.50	ng		98
80) Butylbenzylphthalate	20.939	149	56098	3.36	ng	#	81
81) Benzo(a)anthracene	21.827	228	201708	4.45	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	70324	4.43	ng		96
83) Chrysene	21.886	228	196964	4.58	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	83711	3.51	ng		97
85) Di-n-octyl phthalate	22.651	149	132946	3.43	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.080	276	187786	4.19	ng	#	91
88) Benzo(b)fluoranthene	23.627	252	191088	4.39	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	184708	4.45	ng	#	97
90) Benzo(a)pyrene	24.298	252	163737	4.22	ng	#	96
91) Dibenzo(a,h)anthracene	27.086	278	156196	4.17	ng	#	94
92) Benzo(g,h,i)perylene	27.909	276	153008	4.41	ng	#	91

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

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