Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019525.D
Acq On : 02 Feb 2024 13:22
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 14:04:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	69965	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	273691	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	170625	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	343833	20.000	ng		0.00
76) Chrysene-d12	21.386	240	341503	20.000	ng		0.00
86) Perylene-d12	23.804	264	433129	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	470901	108.491	ng		0.00
7) Phenol-d6	7.081	99	614747	105.039	ng		0.00
23) Nitrobenzene-d5	9.081	82	561530	88.903	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	263898	105.930	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1259737	91.272	ng		0.00
79) Terphenyl-d14	19.869	244	1753189	84.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	10108m	6.044	ng		
3) Pyridine	3.793	79	21154	4.666	ng		93
4) n-Nitrosodimethylamine	3.711	42	9309	4.716	ng	#	91
6) Aniline	7.246	93	35103	6.173	ng		96
8) 2-Chlorophenol	7.475	128	22783	5.113	ng		93
9) Benzaldehyde	7.058	77	24633	6.003	ng		96
10) Phenol	7.105	94	30743	5.270	ng		85
11) bis(2-Chloroethyl)ether	7.352	93	23658	5.213	ng		96
12) 1,3-Dichlorobenzene	7.799	146	27759	5.091	ng		99
13) 1,4-Dichlorobenzene	7.946	146	27473	4.973	ng		100
14) 1,2-Dichlorobenzene	8.263	146	27686	5.180	ng		96
15) Benzyl Alcohol	8.157	79	24469	5.233	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.452	45	23845m	5.254	ng		
17) 2-Methylphenol	8.357	107	19964	5.084	ng		92
18) Hexachloroethane	8.981	117	10951	5.114	ng		86
19) n-Nitroso-di-n-propyla...	8.728	70	20916	5.232	ng		95
20) 3+4-Methylphenols	8.681	107	27716	5.171	ng		94
22) Acetophenone	8.740	105	40997	5.258	ng	#	96
24) Nitrobenzene	9.122	77	31503m	4.954	ng		
25) Isophorone	9.646	82	54721	4.975	ng		98
26) 2-Nitrophenol	9.834	139	10770	4.442	ng		91
27) 2,4-Dimethylphenol	9.893	122	18368	5.924	ng		95
28) bis(2-Chloroethoxy)met...	10.140	93	32219	5.177	ng		97
29) 2,4-Dichlorophenol	10.357	162	22701	4.843	ng		94
30) 1,2,4-Trichlorobenzene	10.575	180	27287	4.748	ng		93
31) Naphthalene	10.763	128	75165	5.007	ng		99
32) Benzoic acid	9.946	122	10402m	3.443	ng		
33) 4-Chloroaniline	10.881	127	30096	5.422	ng		97
34) Hexachlorobutadiene	11.040	225	20259	4.757	ng		97
35) Caprolactam	11.651	113	5604	4.223	ng		94
36) 4-Chloro-3-methylphenol	11.998	107	23829	4.663	ng		93
37) 2-Methylnaphthalene	12.369	142	51657	4.973	ng		99
38) 1-Methylnaphthalene	12.587	142	50676	4.964	ng		98
40) 1,2,4,5-Tetrachloroben...	12.734	216	35243	5.356	ng		98
41) Hexachlorocyclopentadiene	12.704	237	18707	6.293	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	18547	4.655	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	19610	4.482	ng		97
46) 1,1'-Biphenyl	13.381	154	71833	5.275	ng		96
47) 2-Chloronaphthalene	13.422	162	56800	5.081	ng		99
48) 2-Nitroaniline	13.634	65	13963	4.467	ng		99
49) Acenaphthylene	14.263	152	85831	5.473	ng		99
50) Dimethylphthalate	14.010	163	65884	5.044	ng		99
51) 2,6-Dinitrotoluene	14.128	165	13029	4.540	ng		98
52) Acenaphthene	14.604	154	49241	5.059	ng		98
53) 3-Nitroaniline	14.457	138	11905	4.514	ng		97
54) 2,4-Dinitrophenol	14.663	184	5625	3.775	ng		89
55) Dibenzofuran	14.939	168	83976	5.297	ng		97
56) 4-Nitrophenol	14.757	139	9098	4.209	ng		87
57) 2,4-Dinitrotoluene	14.916	165	15218	4.047	ng	#	94
58) Fluorene	15.592	166	64143	5.080	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	17655	4.797	ng	#	99
60) Diethylphthalate	15.381	149	62532	4.813	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	36721	5.174	ng		97
62) 4-Nitroaniline	15.622	138	11942	4.320	ng		93
63) Azobenzene	15.886	77	59895	4.767	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	7498	3.824	ng		93
66) n-Nitrosodiphenylamine	15.810	169	52732	5.121	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	21093	4.907	ng		92
68) Hexachlorobenzene	16.586	284	24951	4.971	ng		95
69) Atrazine	16.769	200	18958	5.548	ng		94
70) Pentachlorophenol	16.939	266	11795	3.773	ng		95
71) Phenanthrene	17.339	178	96064	5.309	ng		99
72) Anthracene	17.433	178	91974	5.095	ng		99
73) Carbazole	17.704	167	78446	4.784	ng		98
74) Di-n-butylphthalate	18.275	149	87632	4.420	ng		100
75) Fluoranthene	19.304	202	105041	4.752	ng		99
77) Benzidine	19.498	184	55005	7.704	ng		98
78) Pyrene	19.657	202	111658	4.633	ng		98
80) Butylbenzylphthalate	20.551	149	37056	4.117	ng		98
81) Benzo(a)anthracene	21.374	228	121909	5.071	ng		97
82) 3,3'-Dichlorobenzidine	21.316	252	45373	5.180	ng		99
83) Chrysene	21.427	228	113089	4.955	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	60654	4.425	ng		99
85) Di-n-octyl phthalate	22.268	149	108362	4.494	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	159603	4.814	ng		98
88) Benzo(b)fluoranthene	23.068	252	129287	4.736	ng		97
89) Benzo(k)fluoranthene	23.115	252	126689	4.858	ng		99
90) Benzo(a)pyrene	23.698	252	115529	4.756	ng		99
91) Dibenzo(a,h)anthracene	26.356	278	133031	4.879	ng		99
92) Benzo(g,h,i)perylene	27.098	276	129151	4.669	ng		98

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

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