Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019528.D
Acq On : 02 Feb 2024 15:04
Operator : MA/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 02 15:41:32 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

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2024

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	61959	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	231575	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	148043	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	359501	20.000	ng		0.00
76) Chrysene-d12	21.386	240	420553	20.000	ng		0.00
86) Perylene-d12	23.804	264	504212	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	558363	145.263	ng		0.00
7) Phenol-d6	7.081	99	715653	138.081	ng		0.00
23) Nitrobenzene-d5	9.081	82	442323	82.766	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	351776	162.744	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	977923	81.661	ng		0.00
79) Terphenyl-d14	19.869	244	2029779	79.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	17111	11.554	ng		98
3) Pyridine	3.787	79	41789	10.408	ng		98
4) n-Nitrosodimethylamine	3.711	42	18362	10.504	ng	#	99
6) Aniline	7.246	93	62060	12.323	ng		97
8) 2-Chlorophenol	7.475	128	41033	10.398	ng		97
9) Benzaldehyde	7.064	77	43633	12.008	ng		97
10) Phenol	7.105	94	56382	10.915	ng		94
11) bis(2-Chloroethyl)ether	7.346	93	42427	10.557	ng		98
12) 1,3-Dichlorobenzene	7.799	146	51417	10.648	ng		97
13) 1,4-Dichlorobenzene	7.946	146	52236	10.677	ng		99
14) 1,2-Dichlorobenzene	8.258	146	49406	10.438	ng		97
15) Benzyl Alcohol	8.158	79	44449	10.734	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	42878	10.669	ng		98
17) 2-Methylphenol	8.358	107	36132	10.390	ng		98
18) Hexachloroethane	8.987	117	19784	10.433	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	35216	9.948	ng		96
20) 3+4-Methylphenols	8.687	107	46894	9.880	ng		96
22) Acetophenone	8.740	105	69550	10.542	ng	#	98
24) Nitrobenzene	9.122	77	55545	10.323	ng		97
25) Isophorone	9.646	82	94065	10.107	ng		99
26) 2-Nitrophenol	9.828	139	19378	9.445	ng		98
27) 2,4-Dimethylphenol	9.887	122	32747	12.482	ng		94
28) bis(2-Chloroethoxy)met...	10.140	93	53883	10.232	ng		96
29) 2,4-Dichlorophenol	10.357	162	39920	10.066	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	49463	10.172	ng		99
31) Naphthalene	10.763	128	129076	10.163	ng		99
32) Benzoic acid	9.963	122	21884m	8.562	ng		
33) 4-Chloroaniline	10.881	127	52692	11.218	ng		99
34) Hexachlorobutadiene	11.034	225	35514	9.856	ng		96
35) Caprolactam	11.646	113	12173	10.843	ng		91
36) 4-Chloro-3-methylphenol	11.999	107	43795	10.128	ng		99
37) 2-Methylnaphthalene	12.369	142	89793	10.216	ng		99
38) 1-Methylnaphthalene	12.587	142	86311	9.992	ng		96
40) 1,2,4,5-Tetrachloroben...	12.734	216	60695	10.631	ng		99
41) Hexachlorocyclopentadiene	12.704	237	31262	12.121	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	33861	9.794	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	37467	9.869	ng		92
46) 1,1'-Biphenyl	13.381	154	124256	10.516	ng		99
47) 2-Chloronaphthalene	13.422	162	99142	10.221	ng		99
48) 2-Nitroaniline	13.634	65	27902	10.288	ng		96
49) Acenaphthylene	14.263	152	155635	11.437	ng		100
50) Dimethylphthalate	14.010	163	125469	11.071	ng		99
51) 2,6-Dinitrotoluene	14.134	165	24728	9.931	ng		97
52) Acenaphthene	14.610	154	88590	10.489	ng		98
53) 3-Nitroaniline	14.457	138	25556	11.168	ng	#	84
54) 2,4-Dinitrophenol	14.663	184	12523	9.687	ng		92
55) Dibenzofuran	14.940	168	151228	10.994	ng		99
56) 4-Nitrophenol	14.757	139	21900	11.676	ng		99
57) 2,4-Dinitrotoluene	14.916	165	34614	10.608	ng		96
58) Fluorene	15.592	166	121574	11.096	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	35072	10.983	ng		99
60) Diethylphthalate	15.381	149	127145	11.279	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	67560	10.971	ng		98
62) 4-Nitroaniline	15.616	138	27892	11.629	ng		92
63) Azobenzene	15.887	77	120677	11.071	ng		99
65) 4,6-Dinitro-2-methylph...	15.675	198	17724	8.646	ng		94
66) n-Nitrosodiphenylamine	15.810	169	106003	9.845	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	42762	9.515	ng		99
68) Hexachlorobenzene	16.587	284	50648	9.651	ng		96
69) Atrazine	16.775	200	46199	12.931	ng		99
70) Pentachlorophenol	16.939	266	28918	8.848	ng		94
71) Phenanthrene	17.339	178	205771	10.876	ng		98
72) Anthracene	17.434	178	205447	10.886	ng		99
73) Carbazole	17.704	167	190101	11.088	ng		99
74) Di-n-butylphthalate	18.275	149	224174	10.814	ng		100
75) Fluoranthene	19.304	202	264544	11.446	ng		98
77) Benzidine	19.498	184	151378	17.217	ng		99
78) Pyrene	19.657	202	279930	9.431	ng		100
80) Butylbenzylphthalate	20.551	149	103440	9.332	ng		97
81) Benzo(a)anthracene	21.375	228	313269	10.582	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	120613	11.181	ng		99
83) Chrysene	21.427	228	292503	10.407	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	165484	9.804	ng		98
85) Di-n-octyl phthalate	22.269	149	283631	9.551	ng		100
87) Indeno(1,2,3-cd)pyrene	26.327	276	379826	9.841	ng		99
88) Benzo(b)fluoranthene	23.069	252	326553	10.276	ng		99
89) Benzo(k)fluoranthene	23.116	252	308275	10.155	ng		99
90) Benzo(a)pyrene	23.698	252	282456	9.990	ng		99
91) Dibenzo(a,h)anthracene	26.357	278	314985	9.923	ng		97
92) Benzo(g,h,i)perylene	27.092	276	301873	9.374	ng		97

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

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