Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019524.D
Acq On : 02 Feb 2024 12:48
Operator : MA/JU
Sample : 04699-08
Misc : LOQ-WATER-5PPM
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 02 13:41:41 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	67530	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	281300	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	207879	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	501969	20.000	ng		0.00
76) Chrysene-d12	21.392	240	464433	20.000	ng		0.00
86) Perylene-d12	23.810	264	420384	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	449760	107.356	ng		0.00
7) Phenol-d6	7.075	99	619370	109.645	ng		-0.01
23) Nitrobenzene-d5	9.081	82	582154	89.675	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	360987	118.934	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1404519	83.525	ng		0.00
79) Terphenyl-d14	19.869	244	2760190	97.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	8387	5.196	ng		96
3) Pyridine	3.787	79	21211	4.847	ng		94
4) n-Nitrosodimethylamine	3.705	42	9886	5.189	ng	#	98
6) Aniline	7.246	93	36282	6.610	ng		98
8) 2-Chlorophenol	7.469	128	21869	5.084	ng		99
9) Benzaldehyde	7.058	77	25444	6.425	ng		94
10) Phenol	7.099	94	31094	5.523	ng		91
11) bis(2-Chloroethyl)ether	7.346	93	23304	5.320	ng		96
12) 1,3-Dichlorobenzene	7.793	146	27047	5.139	ng		98
13) 1,4-Dichlorobenzene	7.946	146	27043	5.072	ng		97
14) 1,2-Dichlorobenzene	8.257	146	26619	5.160	ng		98
15) Benzyl Alcohol	8.157	79	25863	5.730	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	25044	5.718	ng		96
17) 2-Methylphenol	8.352	107	20189	5.326	ng		98
18) Hexachloroethane	8.981	117	9960	4.819	ng		91
19) n-Nitroso-di-n-propyla...	8.722	70	22839	5.919	ng		97
20) 3+4-Methylphenols	8.687	107	28180	5.448	ng		96
22) Acetophenone	8.740	105	42640	5.321	ng	#	98
24) Nitrobenzene	9.122	77	34169	5.228	ng		98
25) Isophorone	9.646	82	61289	5.421	ng		99
26) 2-Nitrophenol	9.834	139	11306	4.536	ng		92
27) 2,4-Dimethylphenol	9.887	122	19892	6.242	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	33775	5.280	ng		100
29) 2,4-Dichlorophenol	10.357	162	23982	4.978	ng		96
30) 1,2,4-Trichlorobenzene	10.575	180	29037	4.916	ng		96
31) Naphthalene	10.763	128	79036	5.123	ng		100
32) Benzoic acid	9.951	122	13072	4.210	ng		95
33) 4-Chloroaniline	10.881	127	33922	5.945	ng		98
34) Hexachlorobutadiene	11.034	225	20573	4.700	ng		93
35) Caprolactam	11.651	113	8761	6.424	ng		84
36) 4-Chloro-3-methylphenol	11.998	107	29056	5.532	ng		95
37) 2-Methylnaphthalene	12.375	142	56862	5.326	ng		98
38) 1-Methylnaphthalene	12.587	142	55004	5.242	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	38283	4.775	ng		98
41) Hexachlorocyclopentadiene	12.710	237	18528	5.116	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	22360	4.606	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	24397	4.577	ng		97
46) 1,1'-Biphenyl	13.387	154	83237	5.017	ng		100
47) 2-Chloronaphthalene	13.422	162	65154	4.784	ng		97
48) 2-Nitroaniline	13.634	65	18642	4.895	ng		93
49) Acenaphthylene	14.269	152	104872	5.488	ng		98
50) Dimethylphthalate	14.016	163	86295	5.423	ng		99
51) 2,6-Dinitrotoluene	14.134	165	17396	4.975	ng		94
52) Acenaphthene	14.610	154	60654	5.114	ng		98
53) 3-Nitroaniline	14.463	138	16748	5.212	ng	#	95
54) 2,4-Dinitrophenol	14.663	184	7370	4.060	ng		95
55) Dibenzofuran	14.945	168	104259	5.398	ng		100
56) 4-Nitrophenol	14.763	139	13882	5.271	ng	#	83
57) 2,4-Dinitrotoluene	14.916	165	22349	4.878	ng	#	97
58) Fluorene	15.598	166	83602	5.434	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	24284	5.416	ng	#	97
60) Diethylphthalate	15.381	149	86149	5.443	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	46239	5.348	ng		97
62) 4-Nitroaniline	15.622	138	18316	5.438	ng		93
63) Azobenzene	15.892	77	81728	5.339	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	10313	3.603	ng		96
66) n-Nitrosodiphenylamine	15.816	169	72441	4.819	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	27950	4.454	ng		99
68) Hexachlorobenzene	16.592	284	34089	4.652	ng		96
69) Atrazine	16.775	200	30180	6.050	ng		96
70) Pentachlorophenol	16.945	266	17464	3.827	ng		94
71) Phenanthrene	17.345	178	141436	5.354	ng		99
72) Anthracene	17.433	178	137608	5.222	ng		99
73) Carbazole	17.710	167	123918	5.176	ng		99
74) Di-n-butylphthalate	18.275	149	138943	4.800	ng		99
75) Fluoranthene	19.310	202	170999	5.299	ng		99
77) Benzidine	19.504	184	72193	7.435	ng		97
78) Pyrene	19.663	202	177378	5.412	ng		98
80) Butylbenzylphthalate	20.557	149	57333	4.684	ng		98
81) Benzo(a)anthracene	21.374	228	166167	5.083	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	56631	4.754	ng		99
83) Chrysene	21.427	228	153589	4.948	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	80925	4.342	ng		98
85) Di-n-octyl phthalate	22.269	149	115572	3.524	ng		99
87) Indeno(1,2,3-cd)pyrene	26.333	276	146405	4.550	ng		99
88) Benzo(b)fluoranthene	23.074	252	139063	5.249	ng		99
89) Benzo(k)fluoranthene	23.121	252	129718	5.125	ng		98
90) Benzo(a)pyrene	23.704	252	113916	4.832	ng		97
91) Dibenzo(a,h)anthracene	26.368	278	121892	4.606	ng		96
92) Benzo(g,h,i)perylene	27.109	276	119515	4.451	ng		97

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

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