Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019569.D
Acq On : 06 Feb 2024 12:30
Operator : MA/JU
Sample : 04699-09
Misc : MDL-MDL-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2023

Quant Time: Feb 07 01:36:34 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	90762	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	376344	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	259082	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	552682	20.000	ng		0.00
76) Chrysene-d12	21.386	240	370501	20.000	ng		0.00
86) Perylene-d12	23.803	264	430318	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	532539	94.578	ng		0.00
7) Phenol-d6	7.075	99	734327	96.721	ng		-0.01
23) Nitrobenzene-d5	9.081	82	580748	66.866	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	373541	98.748	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1381597	65.924	ng		-0.01
79) Terphenyl-d14	19.862	244	1745397	77.473	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	16890	7.786	ng		97
3) Pyridine	3.787	79	37051	6.300	ng		89
4) n-Nitrosodimethylamine	3.710	42	17966	7.016	ng		99
6) Aniline	7.240	93	64200	8.703	ng		96
8) 2-Chlorophenol	7.469	128	42254	7.309	ng		98
9) Benzaldehyde	7.057	77	44229	8.309	ng		96
10) Phenol	7.104	94	54548	7.209	ng		96
11) bis(2-Chloroethyl)ether	7.345	93	43636	7.412	ng		98
12) 1,3-Dichlorobenzene	7.792	146	49937	7.060	ng		94
13) 1,4-Dichlorobenzene	7.945	146	49884	6.961	ng		98
14) 1,2-Dichlorobenzene	8.257	146	49212	7.097	ng		95
15) Benzyl Alcohol	8.157	79	44946	7.409	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	47416	8.054	ng		99
17) 2-Methylphenol	8.351	107	36732	7.210	ng		96
18) Hexachloroethane	8.981	117	19111	6.880	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	40012	7.716	ng		96
20) 3+4-Methylphenols	8.681	107	49155	7.070	ng		98
22) Acetophenone	8.739	105	78108	7.285	ng	#	97
24) Nitrobenzene	9.116	77	61881	7.076	ng		95
25) Isophorone	9.639	82	105828	6.996	ng		99
26) 2-Nitrophenol	9.822	139	20347	6.102	ng	#	91
27) 2,4-Dimethylphenol	9.886	122	34210	8.024	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	61325	7.166	ng		99
29) 2,4-Dichlorophenol	10.357	162	42573	6.606	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	52101	6.593	ng		99
31) Naphthalene	10.757	128	138419	6.706	ng		98
32) Benzoic acid	9.957	122	20388	4.908	ng		90
33) 4-Chloroaniline	10.875	127	57147	7.487	ng		97
34) Hexachlorobutadiene	11.033	225	38429	6.562	ng		97
35) Caprolactam	11.651	113	12353	6.770	ng		98
36) 4-Chloro-3-methylphenol	11.992	107	48396	6.887	ng		96
37) 2-Methylnaphthalene	12.369	142	100045	7.004	ng		99
38) 1-Methylnaphthalene	12.586	142	98083	6.987	ng		97
40) 1,2,4,5-Tetrachloroben...	12.727	216	67992	6.805	ng		99
41) Hexachlorocyclopentadiene	12.704	237	34090	7.552	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	38439	6.353	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	41202	6.202	ng		96
46) 1,1'-Biphenyl	13.380	154	144823	7.004	ng		98
47) 2-Chloronaphthalene	13.416	162	112826	6.647	ng		98
48) 2-Nitroaniline	13.627	65	29618	6.240	ng		97
49) Acenaphthylene	14.263	152	173652	7.292	ng		100
50) Dimethylphthalate	14.010	163	139484	7.033	ng		100
51) 2,6-Dinitrotoluene	14.127	165	28587	6.560	ng		97
52) Acenaphthene	14.604	154	101262	6.851	ng		99
53) 3-Nitroaniline	14.457	138	26186	6.539	ng		89
54) 2,4-Dinitrophenol	14.663	184	11934	5.275	ng		89
55) Dibenzofuran	14.939	168	172185	7.153	ng		99
56) 4-Nitrophenol	14.757	139	18396	5.605	ng		99
57) 2,4-Dinitrotoluene	14.910	165	35265	6.176	ng	#	94
58) Fluorene	15.592	166	134704	7.025	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	38648	6.916	ng		98
60) Diethylphthalate	15.374	149	133207	6.752	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	76086	7.060	ng		95
62) 4-Nitroaniline	15.616	138	25184	6.000	ng		98
63) Azobenzene	15.886	77	131878	6.913	ng		97
65) 4,6-Dinitro-2-methylph...	15.669	198	16545	5.250	ng		97
66) n-Nitrosodiphenylamine	15.810	169	114142	6.896	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	44967	6.508	ng		95
68) Hexachlorobenzene	16.586	284	53529	6.634	ng		97
69) Atrazine	16.768	200	40545	7.382	ng		92
70) Pentachlorophenol	16.939	266	25623	5.100	ng		99
71) Phenanthrene	17.339	178	207143	7.122	ng		99
72) Anthracene	17.427	178	200204	6.900	ng		100
73) Carbazole	17.704	167	163622	6.208	ng		99
74) Di-n-butylphthalate	18.268	149	177237	5.561	ng		99
75) Fluoranthene	19.304	202	210612	5.927	ng		99
77) Benzidine	19.498	184	72940	9.417	ng		98
78) Pyrene	19.657	202	210072	8.034	ng		99
80) Butylbenzylphthalate	20.551	149	51664	5.291	ng		99
81) Benzo(a)anthracene	21.374	228	174496	6.691	ng		99
82) 3,3'-Dichlorobenzidine	21.309	252	60241	6.339	ng		98
83) Chrysene	21.421	228	161803	6.535	ng		97
84) Bis(2-ethylhexyl)phtha...	21.321	149	68613	4.614	ng		100
85) Di-n-octyl phthalate	22.262	149	109020	4.167	ng		99
87) Indeno(1,2,3-cd)pyrene	26.315	276	226761	6.884	ng		99
88) Benzo(b)fluoranthene	23.062	252	174550	6.436	ng		97
89) Benzo(k)fluoranthene	23.115	252	159795	6.168	ng		99
90) Benzo(a)pyrene	23.692	252	151532	6.279	ng		99
91) Dibenzo(a,h)anthracene	26.356	278	186863	6.898	ng		97
92) Benzo(g,h,i)perylene	27.091	276	182419	6.637	ng		97

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

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