Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021512.D
Acq On : 15 Aug 2024 13:26
Operator : RC/JU
Sample : P3390-09
Misc : MDL-MDL-WATER-8ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2024

Quant Time: Aug 15 13:52:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	359499	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1567171	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	1035391	20.000	ng		-0.01
64) Phenanthrene-d10	17.233	188	2083275	20.000	ng		-0.02
76) Chrysene-d12	21.686	240	1851249	20.000	ng		-0.01
86) Perylene-d12	25.092	264	1982328	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	3152262	130.200	ng		0.00
7) Phenol-d6	6.958	99	4576963	129.592	ng		0.00
23) Nitrobenzene-d5	8.952	82	3046160	100.326	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1494608	129.701	ng		-0.02
45) 2-Fluorobiphenyl	13.057	172	6034231	88.944	ng		0.00
79) Terphenyl-d14	19.957	244	8191744	85.965	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	94678	8.247	ng		97
3) Pyridine	3.711	79	227554	7.101	ng		99
4) n-Nitrosodimethylamine	3.617	42	80374	8.344	ng	#	96
6) Aniline	7.128	93	349244	9.891	ng		99
8) 2-Chlorophenol	7.369	128	188515	8.426	ng		99
9) Benzaldehyde	6.940	77	240127	10.619	ng		97
10) Phenol	6.987	94	302025	8.258	ng		99
11) bis(2-Chloroethyl)ether	7.222	93	261661	8.455	ng		98
12) 1,3-Dichlorobenzene	7.693	146	215795	8.120	ng		100
13) 1,4-Dichlorobenzene	7.840	146	219836	8.192	ng		98
14) 1,2-Dichlorobenzene	8.157	146	214616	8.299	ng		98
15) Benzyl Alcohol	8.028	79	216991	8.563	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	252583	8.863	ng		99
17) 2-Methylphenol	8.234	107	186247	8.055	ng		99
18) Hexachloroethane	8.887	117	88696	8.242	ng		97
19) n-Nitroso-di-n-propyla...	8.599	70	208434	8.543	ng		98
20) 3+4-Methylphenols	8.552	107	252599	8.102	ng		99
22) Acetophenone	8.616	105	400460	8.318	ng	#	96
24) Nitrobenzene	8.993	77	292508	8.870	ng		99
25) Isophorone	9.510	82	583963	8.141	ng		99
26) 2-Nitrophenol	9.704	139	52164	10.631	ng		97
27) 2,4-Dimethylphenol	9.757	122	137851	7.787	ng		94
28) bis(2-Chloroethoxy)met...	9.999	93	365546	8.349	ng		97
29) 2,4-Dichlorophenol	10.228	162	161534	7.723	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	213213	7.951	ng		98
31) Naphthalene	10.640	128	661505	8.080	ng		100
32) Benzoic acid	9.804	122	50467	9.090	ng		96
33) 4-Chloroaniline	10.740	127	259435	8.436	ng		98
34) Hexachlorobutadiene	10.940	225	129659	7.680	ng		98
35) Caprolactam	11.475	113	61696	7.087	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	219122	7.552	ng		98
37) 2-Methylnaphthalene	12.257	142	449827	8.051	ng		99
38) 1-Methylnaphthalene	12.469	142	424699	7.707	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	250514	8.258	ng		99
41) Hexachlorocyclopentadiene	12.610	237	74660	7.765	ng		96
43) 2,4,6-Trichlorophenol	12.857	196	124365	7.380	ng		99

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Misc : MDL-MDL-WATER-8ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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MDL-WATER-03-QT3-2024

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	141534	7.559	ng		97
46) 1,1'-Biphenyl	13.269	154	607541	8.294	ng		99
47) 2-Chloronaphthalene	13.304	162	459589	8.058	ng		99
48) 2-Nitroaniline	13.498	65	102528	10.874	ng		100
49) Acenaphthylene	14.157	152	722623	8.619	ng		99
50) Dimethylphthalate	13.887	163	558486	8.054	ng		100
51) 2,6-Dinitrotoluene	13.998	165	90651	9.928	ng		92
52) Acenaphthene	14.510	154	437376	7.951	ng		98
53) 3-Nitroaniline	14.328	138	93904	10.233	ng	#	96
54) 2,4-Dinitrophenol	14.534	184	21458	10.092	ng	#	57
55) Dibenzofuran	14.845	168	700491	8.278	ng		100
56) 4-Nitrophenol	14.628	139	63694	10.266	ng		93
57) 2,4-Dinitrotoluene	14.798	165	99962	10.053	ng		96
58) Fluorene	15.504	166	567522	8.163	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	121682	7.657	ng		96
60) Diethylphthalate	15.275	149	550277	7.735	ng		100
61) 4-Chlorophenyl-phenyle...	15.498	204	294232	8.188	ng		98
62) 4-Nitroaniline	15.504	138	91434	9.007	ng		92
63) Azobenzene	15.798	77	726887	8.312	ng		98
65) 4,6-Dinitro-2-methylph...	15.569	198	30475	10.590	ng		92
66) n-Nitrosodiphenylamine	15.716	169	469125	8.403	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	166538	7.553	ng		97
68) Hexachlorobenzene	16.528	284	208959	8.020	ng		99
69) Atrazine	16.686	200	155059	8.090	ng		98
70) Pentachlorophenol	16.875	266	81121	5.704	ng		99
71) Phenanthrene	17.275	178	843770	8.422	ng		99
72) Anthracene	17.369	178	809711	8.241	ng		99
73) Carbazole	17.639	167	739752	7.812	ng		100
74) Di-n-butylphthalate	18.251	149	838102	7.207	ng		99
75) Fluoranthene	19.351	202	915006	7.443	ng		98
77) Benzidine	19.551	184	302296	10.017	ng		97
78) Pyrene	19.733	202	968935	8.008	ng		99
80) Butylbenzylphthalate	20.692	149	250004	8.638	ng		98
81) Benzo(a)anthracene	21.663	228	946460	8.144	ng		99
82) 3,3'-Dichlorobenzidine	21.580	252	293438	7.875	ng		97
83) Chrysene	21.733	228	877428	7.997	ng		100
84) Bis(2-ethylhexyl)phtha...	21.627	149	481055	7.004	ng		97
85) Di-n-octyl phthalate	22.933	149	609880	9.382	ng		97
87) Indeno(1,2,3-cd)pyrene	28.945	276	991178	7.714	ng		98
88) Benzo(b)fluoranthene	24.010	252	873528	7.673	ng		99
89) Benzo(k)fluoranthene	24.074	252	864086	7.780	ng		98
90) Benzo(a)pyrene	24.921	252	775469	7.849	ng		99
91) Dibenzo(a,h)anthracene	29.045	278	825269	7.730	ng		99
92) Benzo(g,h,i)perylene	30.109	276	794000	7.420	ng		100

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

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