Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139272.D
Acq On : 06 Sep 2024 11:31
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER-04 ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:15:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	117966	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	440766	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	237195	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	422039	20.000	ng		0.00
76) Chrysene-d12	14.045	240	212077	20.000	ng		0.00
86) Perylene-d12	15.521	264	202708	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	819331	116.189	ng		0.00
7) Phenol-d6	6.516	99	1088523	115.629	ng		0.00
23) Nitrobenzene-d5	7.451	82	696496	82.206	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	240711	117.522	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1247691	81.198	ng		0.00
79) Terphenyl-d14	12.998	244	998641	76.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	13428	4.089	ng		99
3) Pyridine	3.475	79	29274	3.693	ng		95
4) n-Nitrosodimethylamine	3.369	42	19321	3.753	ng	#	97
6) Aniline	6.551	93	42907	4.956	ng		96
8) 2-Chlorophenol	6.669	128	31279	4.280	ng	#	69
9) Benzaldehyde	6.440	77	28412	4.986	ng		94
10) Phenol	6.528	94	41798	4.209	ng	#	77
11) bis(2-Chloroethyl)ether	6.622	93	30410	4.275	ng		100
12) 1,3-Dichlorobenzene	6.828	146	33672	4.071	ng		98
13) 1,4-Dichlorobenzene	6.904	146	33770	4.079	ng		98
14) 1,2-Dichlorobenzene	7.057	146	32156	4.164	ng		97
15) Benzyl Alcohol	7.022	79	37826	5.510	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	57896	4.275	ng		97
17) 2-Methylphenol	7.128	107	23376	3.916	ng		96
18) Hexachloroethane	7.398	117	12055	4.077	ng		95
19) n-Nitroso-di-n-propyla...	7.293	70	21925	4.044	ng		97
20) 3+4-Methylphenols	7.281	107	31805	4.227	ng		96
22) Acetophenone	7.293	105	45270	4.311	ng		93
24) Nitrobenzene	7.469	77	36720	4.083	ng		99
25) Isophorone	7.698	82	57332	3.958	ng		98
26) 2-Nitrophenol	7.781	139	12447	3.524	ng		96
27) 2,4-Dimethylphenol	7.816	122	19871	3.945	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	35414	4.104	ng		98
29) 2,4-Dichlorophenol	8.022	162	24068	3.991	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	27812	4.038	ng		99
31) Naphthalene	8.193	128	91680	4.107	ng		99
32) Benzoic acid	7.857	122	7051	1.537	ng		96
33) 4-Chloroaniline	8.240	127	33560	4.342	ng		97
34) Hexachlorobutadiene	8.310	225	16562	3.794	ng		99
35) Caprolactam	8.557	113	6420	3.438	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	25102	3.819	ng		97
37) 2-Methylnaphthalene	8.881	142	57770	4.137	ng		99
38) 1-Methylnaphthalene	8.981	142	54114	3.940	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	29022	4.325	ng		96
41) Hexachlorocyclopentadiene	9.034	237	7784	3.609	ng		96
43) 2,4,6-Trichlorophenol	9.157	196	16626	3.787	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	17165	3.731	ng		99
46) 1,1'-Biphenyl	9.345	154	78858	4.487	ng		99
47) 2-Chloronaphthalene	9.369	162	54898	4.137	ng		99
48) 2-Nitroaniline	9.463	65	16322	3.571	ng		98
49) Acenaphthylene	9.787	152	88887	4.447	ng		99
50) Dimethylphthalate	9.639	163	59834	4.162	ng		100
51) 2,6-Dinitrotoluene	9.698	165	11173	3.426	ng		93
52) Acenaphthene	9.957	154	53283	4.019	ng		99
53) 3-Nitroaniline	9.869	138	12964	3.731	ng	#	95
54) 2,4-Dinitrophenol	9.975	184	1258	8.193	ng	#	1
55) Dibenzofuran	10.128	168	82406	4.336	ng		97
56) 4-Nitrophenol	10.022	139	6345	2.474	ng		98
57) 2,4-Dinitrotoluene	10.098	165	13719	3.305	ng	#	91
58) Fluorene	10.469	166	61972	4.206	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	13627	3.762	ng	#	99
60) Diethylphthalate	10.339	149	58580	4.141	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	30180	4.247	ng		96
62) 4-Nitroaniline	10.475	138	11027	3.334	ng		96
63) Azobenzene	10.622	77	61268	4.109	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	3392	1.739	ng		97
66) n-Nitrosodiphenylamine	10.581	169	50981	4.150	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	16685	4.075	ng		95
68) Hexachlorobenzene	11.016	284	19778	4.219	ng		99
69) Atrazine	11.104	200	13886	4.899	ng		97
70) Pentachlorophenol	11.210	266	6525	2.410	ng		99
71) Phenanthrene	11.433	178	86359	4.380	ng		100
72) Anthracene	11.486	178	83434	4.332	ng		99
73) Carbazole	11.639	167	72185	4.010	ng		99
74) Di-n-butylphthalate	11.975	149	70828	3.843	ng		100
75) Fluoranthene	12.622	202	80230	4.059	ng		99
77) Benzidine	12.745	184	18160	4.253	ng		95
78) Pyrene	12.851	202	83865	4.094	ng		99
80) Butylbenzylphthalate	13.475	149	15136	3.138	ng		98
81) Benzo(a)anthracene	14.039	228	55096	4.068	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	13479	3.748	ng		100
83) Chrysene	14.074	228	49441	3.912	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	18087	3.195	ng		99
85) Di-n-octyl phthalate	14.645	149	26352	2.432	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.998	276	37469	2.959	ng		99
88) Benzo(b)fluoranthene	15.092	252	42516	3.642	ng		99
89) Benzo(k)fluoranthene	15.116	252	41278	3.944	ng		98
90) Benzo(a)pyrene	15.457	252	37915	3.825	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	28566	2.737	ng		98
92) Benzo(g,h,i)perylene	17.439	276	29339	2.724	ng		97

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

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