Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139058.D
Acq On : 16 Aug 2024 15:28
Operator : RC/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-8ppm
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 16 16:07:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	49824	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	207101	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	122081	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	215137	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	109001	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	90235	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	413725	128.181	ng		0.00
7) Phenol-d6	6.487	99	560850	129.422	ng		0.00
23) Nitrobenzene-d5	7.404	82	373078	88.074	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	131398	131.397	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	694874	85.521	ng		-0.01
79) Terphenyl-d14	12.939	244	648345	99.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	11105	7.859	ng		95
3) Pyridine	3.428	79	22945m	6.703	ng		
4) n-Nitrosodimethylamine	3.316	42	18085	8.871	ng	#	80
6) Aniline	6.504	93	36620	9.476	ng	#	65
8) 2-Chlorophenol	6.628	128	28042	8.258	ng		95
9) Benzaldehyde	6.398	77	25514	9.822	ng		99
10) Phenol	6.498	94	37511	8.221	ng	#	56
11) bis(2-Chloroethyl)ether	6.575	93	28027	7.982	ng		97
12) 1,3-Dichlorobenzene	6.775	146	29537	7.770	ng		94
13) 1,4-Dichlorobenzene	6.851	146	30475	7.944	ng		98
14) 1,2-Dichlorobenzene	7.004	146	28969	8.080	ng		98
15) Benzyl Alcohol	6.993	79	25998	8.324	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	7.104	45	49869	8.253	ng	#	49
17) 2-Methylphenol	7.104	107	22871	8.156	ng	#	81
18) Hexachloroethane	7.340	117	11846	8.203	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	23017	8.794	ng		97
20) 3+4-Methylphenols	7.263	107	29921	8.316	ng	#	65
22) Acetophenone	7.245	105	45344	8.942	ng		92
24) Nitrobenzene	7.422	77	36068	8.368	ng		100
25) Isophorone	7.657	82	61657	8.524	ng		98
26) 2-Nitrophenol	7.740	139	15152	8.171	ng		89
27) 2,4-Dimethylphenol	7.781	122	16180	7.292	ng		94
28) bis(2-Chloroethoxy)met...	7.863	93	34101	7.742	ng		97
29) 2,4-Dichlorophenol	7.998	162	22747	7.978	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	26848	8.160	ng		97
31) Naphthalene	8.140	128	85690	7.861	ng		100
32) Benzoic acid	7.928	122	5607m	3.215	ng		
33) 4-Chloroaniline	8.198	127	33084	9.041	ng		97
34) Hexachlorobutadiene	8.245	225	16566	8.312	ng		98
35) Caprolactam	8.545	113	7312	8.595	ng		98
36) 4-Chloro-3-methylphenol	8.687	107	27084	8.312	ng		98
37) 2-Methylnaphthalene	8.828	142	56593	8.220	ng		97
38) 1-Methylnaphthalene	8.928	142	54271	8.045	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	26895	7.931	ng		97
41) Hexachlorocyclopentadiene	8.975	237	408	7.381	ng		88
43) 2,4,6-Trichlorophenol	9.116	196	14220	6.877	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	17228	7.622	ng	#	96
46) 1,1'-Biphenyl	9.287	154	74804	7.824	ng		98
47) 2-Chloronaphthalene	9.316	162	53280	7.493	ng		99
48) 2-Nitroaniline	9.422	65	18889	7.835	ng		96
49) Acenaphthylene	9.728	152	87122	8.638	ng		99
50) Dimethylphthalate	9.587	163	66627	8.535	ng		99
51) 2,6-Dinitrotoluene	9.657	165	14145	8.029	ng	#	84
52) Acenaphthene	9.898	154	54159	7.988	ng		98
53) 3-Nitroaniline	9.839	138	13762	7.557	ng		98
54) 2,4-Dinitrophenol	9.981	184	2559m	3.156	ng		
55) Dibenzofuran	10.075	168	78683	8.222	ng		96
56) 4-Nitrophenol	10.057	139	2845m	2.598	ng		
57) 2,4-Dinitrotoluene	10.069	165	18534	8.246	ng	#	74
58) Fluorene	10.416	166	64789	8.501	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	13868m	8.025	ng		
60) Diethylphthalate	10.286	149	64691	8.740	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	31085	8.293	ng		94
62) 4-Nitroaniline	10.445	138	11934m	6.896	ng		
63) Azobenzene	10.569	77	69781	8.501	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	7416	5.650	ng		89
66) n-Nitrosodiphenylamine	10.528	169	53717	7.988	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	17732	7.613	ng		98
68) Hexachlorobenzene	10.963	284	18004	7.486	ng		94
69) Atrazine	11.051	200	17457	10.062	ng		99
70) Pentachlorophenol	11.186	266	1760	1.624	ng		98
71) Phenanthrene	11.381	178	90417	8.162	ng		100
72) Anthracene	11.433	178	89825	8.231	ng		100
73) Carbazole	11.598	167	74144	7.875	ng		97
74) Di-n-butylphthalate	11.910	149	97305	9.193	ng		98
75) Fluoranthene	12.575	202	84178	8.140	ng		98
77) Benzidine	12.698	184	21481	8.239	ng		97
78) Pyrene	12.804	202	86235	8.403	ng		99
80) Butylbenzylphthalate	13.410	149	29502	8.977	ng		96
81) Benzo(a)anthracene	13.992	228	59486	7.925	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	17459	9.089	ng		98
83) Chrysene	14.027	228	51757	7.643	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	32771	6.810	ng		97
85) Di-n-octyl phthalate	14.569	149	47019	5.281	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	45421	7.024	ng	#	93
88) Benzo(b)fluoranthene	15.039	252	46276	8.273	ng		98
89) Benzo(k)fluoranthene	15.069	252	37508	7.745	ng		99
90) Benzo(a)pyrene	15.410	252	38174	8.113	ng		96
91) Dibenzo(a,h)anthracene	16.951	278	35594	6.705	ng		98
92) Benzo(g,h,i)perylene	17.398	276	34736	6.306	ng		96

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

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