Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139057.D
Acq On : 16 Aug 2024 14:58
Operator : RC/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-4ppm
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 16 16:07:01 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	54867	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	229291	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	132202	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	237339	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	127359	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	102034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	458879	129.103	ng		0.00
7) Phenol-d6	6.486	99	627268	131.445	ng		0.00
23) Nitrobenzene-d5	7.404	82	411042	87.646	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	148955	137.550	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	752490	85.522	ng		-0.01
79) Terphenyl-d14	12.939	244	744190	97.832	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	5588	3.591	ng	#	93
3) Pyridine	3.475	79	11883m	3.152	ng		
4) n-Nitrosodimethylamine	3.334	42	9305m	4.145	ng		
6) Aniline	6.510	93	20435	4.802	ng		90
8) 2-Chlorophenol	6.628	128	15897	4.251	ng		87
9) Benzaldehyde	6.404	77	13916	4.865	ng		98
10) Phenol	6.498	94	21058	4.191	ng	#	26
11) bis(2-Chloroethyl)ether	6.575	93	16620	4.298	ng		97
12) 1,3-Dichlorobenzene	6.775	146	16807	4.015	ng		93
13) 1,4-Dichlorobenzene	6.851	146	17212	4.074	ng		98
14) 1,2-Dichlorobenzene	7.004	146	16658	4.219	ng		98
15) Benzyl Alcohol	6.992	79	16053	4.667	ng	#	71
16) 2,2'-oxybis(1-Chloropr...	7.104	45	29210	4.390	ng		57
17) 2-Methylphenol	7.110	107	13258	4.293	ng	#	81
18) Hexachloroethane	7.339	117	6641	4.176	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	12238	4.246	ng		90
20) 3+4-Methylphenols	7.269	107	16729	4.222	ng	#	57
22) Acetophenone	7.251	105	24618	4.385	ng	#	90
24) Nitrobenzene	7.422	77	20459	4.287	ng		98
25) Isophorone	7.657	82	32946	4.114	ng	#	98
26) 2-Nitrophenol	7.745	139	8063	3.927	ng		96
27) 2,4-Dimethylphenol	7.786	122	8339	3.395	ng		88
28) bis(2-Chloroethoxy)met...	7.869	93	19686	4.037	ng		97
29) 2,4-Dichlorophenol	8.010	162	12248	3.880	ng		94
30) 1,2,4-Trichlorobenzene	8.063	180	14291	3.923	ng		96
31) Naphthalene	8.139	128	47171	3.908	ng		97
32) Benzoic acid	7.975	122	2741m	1.419	ng		
33) 4-Chloroaniline	8.204	127	17462	4.310	ng		97
34) Hexachlorobutadiene	8.251	225	9275	4.204	ng		95
35) Caprolactam	8.539	113	3748	3.979	ng	#	84
36) 4-Chloro-3-methylphenol	8.692	107	14894	4.129	ng		98
37) 2-Methylnaphthalene	8.828	142	31270	4.102	ng		98
38) 1-Methylnaphthalene	8.928	142	29826	3.993	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	14586	3.972	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	7831	3.497	ng		98
44) 2,4,5-Trichlorophenol	9.175	196	8720	3.562	ng	#	89

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Quant Time: Aug 16 16:07:01 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)
46) 1,1'-Biphenyl	9.286	154	42916	4.145	ng		98
47) 2-Chloronaphthalene	9.316	162	30547	3.967	ng		98
48) 2-Nitroaniline	9.427	65	10837	4.151	ng		100
49) Acenaphthylene	9.727	152	47477	4.347	ng		98
50) Dimethylphthalate	9.586	163	36356	4.301	ng		100
51) 2,6-Dinitrotoluene	9.657	165	7461	3.911	ng	#	75
52) Acenaphthene	9.898	154	30012	4.088	ng		100
53) 3-Nitroaniline	9.839	138	7730	3.920	ng	#	99
54) 2,4-Dinitrophenol	9.992	184	730	0.831	ng	#	50
55) Dibenzofuran	10.074	168	44440	4.288	ng		96
57) 2,4-Dinitrotoluene	10.074	165	10205	4.193	ng	#	69
58) Fluorene	10.416	166	35227	4.268	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.204	232	7263	3.881	ng	#	94
60) Diethylphthalate	10.280	149	38046	4.747	ng		97
61) 4-Chlorophenyl-phenyle...	10.404	204	17733	4.369	ng		97
62) 4-Nitroaniline	10.451	138	6746	3.599	ng	#	76
63) Azobenzene	10.569	77	38714	4.355	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	3389	2.341	ng	#	73
66) n-Nitrosodiphenylamine	10.527	169	29025	3.912	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	10230	3.981	ng		99
68) Hexachlorobenzene	10.963	284	10394	3.918	ng		97
69) Atrazine	11.051	200	10408	5.438	ng		93
70) Pentachlorophenol	11.186	266	729	0.610	ng		88
71) Phenanthrene	11.380	178	52432	4.290	ng		100
72) Anthracene	11.433	178	49562	4.117	ng		100
73) Carbazole	11.598	167	41530	3.998	ng		98
74) Di-n-butylphthalate	11.910	149	55190	4.727	ng		99
75) Fluoranthene	12.574	202	49520	4.340	ng		96
77) Benzidine	12.704	184	11616	3.813	ng		98
78) Pyrene	12.804	202	48507	4.045	ng		100
80) Butylbenzylphthalate	13.410	149	17687	4.606	ng		94
81) Benzo(a)anthracene	13.992	228	35983	4.103	ng		97
82) 3,3'-Dichlorobenzidine	13.957	252	9865	4.396	ng		96
83) Chrysene	14.027	228	31610	3.995	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	19545	3.476	ng		99
85) Di-n-octyl phthalate	14.574	149	26349	2.533	ng		94
87) Indeno(1,2,3-cd)pyrene	16.956	276	24874	3.402	ng		94
88) Benzo(b)fluoranthene	15.045	252	25385m	4.013	ng		
89) Benzo(k)fluoranthene	15.074	252	24629	4.497	ng		96
90) Benzo(a)pyrene	15.409	252	22320	4.195	ng		97
91) Dibenzo(a,h)anthracene	16.962	278	20179	3.362	ng		98
92) Benzo(g,h,i)perylene	17.403	276	20040	3.217	ng		95

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

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