Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139061.D
Acq On : 16 Aug 2024 17:04
Operator : RC/JU
Sample : P3390-08
Misc : LOQ-WATER-5ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2024

Quant Time: Aug 16 17:26:10 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	46938	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	190417	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	120527	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	214763	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	110721	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	92849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	349469	114.930	ng	0.00
7) Phenol-d6	6.481	99	476266	116.661	ng	0.00
23) Nitrobenzene-d5	7.404	82	360423	92.542	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120579	122.133	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	720843	89.861	ng	-0.02
79) Terphenyl-d14	12.939	244	713520	107.895	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	6761	5.079	ng	# 94
3) Pyridine	3.451	79	15367m	4.765	ng	
4) n-Nitrosodimethylamine	3.328	42	10732	5.588	ng	# 75
6) Aniline	6.504	93	21764	5.978	ng	# 75
8) 2-Chlorophenol	6.628	128	17617	5.507	ng	96
9) Benzaldehyde	6.398	77	15430	6.305	ng	94
10) Phenol	6.498	94	22669	5.274	ng	# 54
11) bis(2-Chloroethyl)ether	6.575	93	16537	5.000	ng	99
12) 1,3-Dichlorobenzene	6.775	146	17912	5.002	ng	97
13) 1,4-Dichlorobenzene	6.851	146	18289	5.061	ng	97
14) 1,2-Dichlorobenzene	7.004	146	17609	5.214	ng	97
15) Benzyl Alcohol	6.992	79	17692	6.013	ng	# 77
16) 2,2'-oxybis(1-Chloropr...	7.104	45	29195	5.129	ng	52
17) 2-Methylphenol	7.104	107	14114	5.343	ng	# 78
18) Hexachloroethane	7.339	117	6725	4.943	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	13224	5.363	ng	90
20) 3+4-Methylphenols	7.269	107	17714	5.226	ng	# 52
22) Acetophenone	7.245	105	25622	5.496	ng	95
24) Nitrobenzene	7.422	77	20645	5.209	ng	99
25) Isophorone	7.657	82	36305	5.459	ng	# 98
26) 2-Nitrophenol	7.745	139	8787	5.153	ng	96
27) 2,4-Dimethylphenol	7.787	122	9408	4.612	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	20023	4.944	ng	99
29) 2,4-Dichlorophenol	8.004	162	13519	5.157	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	14872	4.916	ng	97
31) Naphthalene	8.139	128	51863	5.174	ng	99
32) Benzoic acid	7.951	122	3004m	1.873	ng	
33) 4-Chloroaniline	8.198	127	19270	5.727	ng	97
34) Hexachlorobutadiene	8.245	225	9248	5.047	ng	99
35) Caprolactam	8.539	113	4030	5.152	ng	# 86
36) 4-Chloro-3-methylphenol	8.686	107	16165	5.396	ng	97
37) 2-Methylnaphthalene	8.828	142	34375	5.430	ng	98
38) 1-Methylnaphthalene	8.928	142	32274	5.203	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	16820	5.024	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	9402	4.606	ng	97
44) 2,4,5-Trichlorophenol	9.175	196	10338	4.632	ng	# 88

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LOQ-WATER-02-QT3-2024

Quant Time: Aug 16 17:26:10 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	49921	5.289	ng		99
47)	2-Chloronaphthalene	9.316	162	35766	5.095	ng		99
48)	2-Nitroaniline	9.422	65	12453	5.232	ng		94
49)	Acenaphthylene	9.728	152	55458	5.570	ng		98
50)	Dimethylphthalate	9.586	163	42920	5.569	ng		100
51)	2,6-Dinitrotoluene	9.657	165	8998	5.173	ng	#	77
52)	Acenaphthene	9.898	154	34519	5.157	ng		99
53)	3-Nitroaniline	9.839	138	8735	4.858	ng	#	96
54)	2,4-Dinitrophenol	9.992	184	1005	1.255	ng		97
55)	Dibenzofuran	10.075	168	52070	5.511	ng		97
57)	2,4-Dinitrotoluene	10.069	165	12383	5.580	ng	#	75
58)	Fluorene	10.416	166	41714	5.544	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.204	232	8518m	4.993	ng		
60)	Diethylphthalate	10.280	149	42202	5.775	ng		99
61)	4-Chlorophenyl-phenyle...	10.404	204	20049	5.418	ng		92
62)	4-Nitroaniline	10.451	138	7314	4.281	ng	#	79
63)	Azobenzene	10.563	77	44576	5.500	ng		95
65)	4,6-Dinitro-2-methylph...	10.486	198	4266	3.256	ng		81
66)	n-Nitrosodiphenylamine	10.522	169	34861	5.193	ng		100
67)	4-Bromophenyl-phenylether	10.892	248	11924	5.128	ng		94
68)	Hexachlorobenzene	10.963	284	11924	4.967	ng		98
69)	Atrazine	11.051	200	11781	6.802	ng		97
70)	Pentachlorophenol	11.192	266	728	0.673	ng	#	87
71)	Phenanthrene	11.380	178	60243	5.448	ng		99
72)	Anthracene	11.433	178	57141	5.245	ng		99
73)	Carbazole	11.592	167	47674	5.072	ng		98
74)	Di-n-butylphthalate	11.910	149	63261	5.987	ng		99
75)	Fluoranthene	12.569	202	56635	5.486	ng		97
77)	Benzidine	12.698	184	16409	6.196	ng		96
78)	Pyrene	12.798	202	58575	5.619	ng		99
80)	Butylbenzylphthalate	13.404	149	19937	5.972	ng		99
81)	Benzo(a)anthracene	13.986	228	39857	5.228	ng		98
82)	3,3'-Dichlorobenzidine	13.951	252	11206	5.743	ng		100
83)	Chrysene	14.021	228	36839	5.355	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.957	149	22814	4.667	ng		96
85)	Di-n-octyl phthalate	14.568	149	30453	3.367	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	16.951	276	28867	4.338	ng		94
88)	Benzo(b)fluoranthene	15.039	252	28110	4.884	ng		98
89)	Benzo(k)fluoranthene	15.068	252	24846	4.986	ng		98
90)	Benzo(a)pyrene	15.404	252	25212	5.208	ng		97
91)	Dibenzo(a,h)anthracene	16.951	278	22729	4.161	ng		98
92)	Benzo(g,h,i)perylene	17.398	276	22179	3.913	ng		98

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

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