Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139059.D
Acq On : 16 Aug 2024 15:59
Operator : RC/JU
Sample : P3390-08
Misc : LOQ-WATER-10ppm
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 16 16:23:02 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	54463	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	226311	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	131540	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	227806	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	113416	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	96048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	421594	119.493	ng	0.00
7) Phenol-d6	6.487	99	572580	120.875	ng	0.00
23) Nitrobenzene-d5	7.404	82	382801	82.699	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	133153	123.577	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	701501	80.128	ng	-0.02
79) Terphenyl-d14	12.939	244	654203	96.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	14283	9.247	ng	# 94
3) Pyridine	3.416	79	31380m	8.386	ng	
4) n-Nitrosodimethylamine	3.310	42	23224	10.421	ng	84
6) Aniline	6.504	93	48473	11.474	ng	# 65
8) 2-Chlorophenol	6.628	128	37026	9.975	ng	95
9) Benzaldehyde	6.398	77	32630	11.491	ng	98
10) Phenol	6.498	94	49212	9.867	ng	# 58
11) bis(2-Chloroethyl)ether	6.575	93	36343	9.469	ng	98
12) 1,3-Dichlorobenzene	6.775	146	39592	9.528	ng	96
13) 1,4-Dichlorobenzene	6.851	146	41062	9.792	ng	99
14) 1,2-Dichlorobenzene	7.004	146	38758	9.890	ng	98
15) Benzyl Alcohol	6.992	79	37438	10.966	ng	88
16) 2,2'-oxybis(1-Chloropr...	7.104	45	67870	10.275	ng	52
17) 2-Methylphenol	7.104	107	30658	10.002	ng	# 82
18) Hexachloroethane	7.339	117	15102	9.567	ng	94
19) n-Nitroso-di-n-propyla...	7.245	70	30289	10.587	ng	95
20) 3+4-Methylphenols	7.263	107	40535	10.307	ng	# 64
22) Acetophenone	7.245	105	58916	10.632	ng	95
24) Nitrobenzene	7.422	77	46196	9.808	ng	99
25) Isophorone	7.657	82	81154	10.267	ng	98
26) 2-Nitrophenol	7.739	139	20192	9.964	ng	92
27) 2,4-Dimethylphenol	7.781	122	21220	8.752	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	46946	9.753	ng	97
29) 2,4-Dichlorophenol	7.998	162	29843	9.579	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	35605	9.903	ng	95
31) Naphthalene	8.139	128	116162	9.751	ng	99
32) Benzoic acid	7.922	122	8497m	4.458	ng	
33) 4-Chloroaniline	8.198	127	41997	10.503	ng	97
34) Hexachlorobutadiene	8.245	225	21829	10.024	ng	99
35) Caprolactam	8.545	113	9621	10.349	ng	93
36) 4-Chloro-3-methylphenol	8.681	107	35844	10.067	ng	99
37) 2-Methylnaphthalene	8.828	142	76445	10.161	ng	100
38) 1-Methylnaphthalene	8.928	142	70200	9.522	ng	97
40) 1,2,4,5-Tetrachloroben...	8.992	216	35629	9.751	ng	96
41) Hexachlorocyclopentadiene	8.975	237	1193	8.092	ng	81
43) 2,4,6-Trichlorophenol	9.116	196	19123	8.583	ng	98

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

Quant Time: Aug 16 16:23:02 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)
44)	2,4,5-Trichlorophenol	9.169	196	20570	8.446	ng		94
46)	1,1'-Biphenyl	9.286	154	98473	9.559	ng		99
47)	2-Chloronaphthalene	9.316	162	72004	9.398	ng		100
48)	2-Nitroaniline	9.422	65	26141	10.064	ng		94
49)	Acenaphthylene	9.728	152	114658	10.551	ng		100
50)	Dimethylphthalate	9.586	163	86258	10.256	ng		100
51)	2,6-Dinitrotoluene	9.657	165	18591	9.794	ng	#	86
52)	Acenaphthene	9.898	154	69153	9.467	ng		99
53)	3-Nitroaniline	9.833	138	18834	9.598	ng		88
54)	2,4-Dinitrophenol	9.969	184	4200	4.807	ng	#	84
55)	Dibenzofuran	10.075	168	104714	10.155	ng		95
56)	4-Nitrophenol	10.051	139	2800m	2.373	ng		
57)	2,4-Dinitrotoluene	10.069	165	24172	9.981	ng	#	72
58)	Fluorene	10.416	166	83832	10.209	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.204	232	18458	9.913	ng	#	99
60)	Diethylphthalate	10.280	149	88151	11.054	ng		98
61)	4-Chlorophenyl-phenyle...	10.404	204	40517	10.032	ng		93
62)	4-Nitroaniline	10.445	138	15778m	8.461	ng		
63)	Azobenzene	10.563	77	90923	10.280	ng		95
65)	4,6-Dinitro-2-methylph...	10.486	198	10026	7.214	ng		89
66)	n-Nitrosodiphenylamine	10.528	169	70356	9.880	ng		98
67)	4-Bromophenyl-phenylether	10.892	248	23684	9.603	ng		95
68)	Hexachlorobenzene	10.963	284	23679	9.298	ng		97
69)	Atrazine	11.051	200	22261	12.117	ng		98
70)	Pentachlorophenol	11.180	266	3524m	3.070	ng		
71)	Phenanthrene	11.380	178	118963	10.142	ng		100
72)	Anthracene	11.433	178	117827	10.196	ng		98
73)	Carbazole	11.592	167	98204	9.850	ng		99
74)	Di-n-butylphthalate	11.910	149	128310	11.448	ng		99
75)	Fluoranthene	12.569	202	111941	10.222	ng		97
77)	Benzidine	12.698	184	28114	10.364	ng		99
78)	Pyrene	12.798	202	110355	10.334	ng		99
80)	Butylbenzylphthalate	13.404	149	38303	11.201	ng		98
81)	Benzo(a)anthracene	13.986	228	75163	9.624	ng		99
82)	3,3'-Dichlorobenzidine	13.951	252	21920	10.968	ng	#	97
83)	Chrysene	14.021	228	69186	9.819	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.957	149	41806	8.349	ng		97
85)	Di-n-octyl phthalate	14.568	149	62663	6.764	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.939	276	61475	8.931	ng		97
88)	Benzo(b)fluoranthene	15.039	252	59497m	9.993	ng		
89)	Benzo(k)fluoranthene	15.063	252	54975	10.664	ng		98
90)	Benzo(a)pyrene	15.404	252	51777	10.338	ng		98
91)	Dibenzo(a,h)anthracene	16.945	278	48472	8.579	ng		98
92)	Benzo(g,h,i)perylene	17.392	276	46997	8.016	ng	#	94

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

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