Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139263.D
Acq On : 05 Sep 2024 17:56
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-4 ng
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 05 18:31:20 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

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	111283	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	409942	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	221319	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	406540	20.000	ng		0.00
76) Chrysene-d12	14.045	240	211823	20.000	ng		0.00
86) Perylene-d12	15.521	264	188965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	761504	114.473	ng		0.00
7) Phenol-d6	6.510	99	1005318	113.204	ng		0.00
23) Nitrobenzene-d5	7.445	82	642180	81.494	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	220779	115.523	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1139452	79.474	ng		0.00
79) Terphenyl-d14	12.998	244	959775	73.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	12135	3.917	ng		96
3) Pyridine	3.457	79	25712	3.438	ng		98
4) n-Nitrosodimethylamine	3.357	42	17630	3.631	ng	#	96
6) Aniline	6.551	93	38162	4.673	ng		99
8) 2-Chlorophenol	6.669	128	28652	4.156	ng	#	78
9) Benzaldehyde	6.439	77	24939	4.639	ng		98
10) Phenol	6.522	94	38530	4.113	ng	#	44
11) bis(2-Chloroethyl)ether	6.622	93	28032	4.177	ng		97
12) 1,3-Dichlorobenzene	6.828	146	30632	3.925	ng		98
13) 1,4-Dichlorobenzene	6.904	146	32064	4.105	ng		99
14) 1,2-Dichlorobenzene	7.057	146	29945	4.111	ng		98
15) Benzyl Alcohol	7.022	79	33806	5.220	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	54603	4.274	ng		99
17) 2-Methylphenol	7.128	107	22235	3.948	ng		98
18) Hexachloroethane	7.398	117	10617	3.806	ng		98
19) n-Nitroso-di-n-propyla...	7.286	70	20562	4.020	ng		95
20) 3+4-Methylphenols	7.281	107	28921	4.075	ng		98
22) Acetophenone	7.286	105	41134	4.212	ng		99
24) Nitrobenzene	7.463	77	33794	4.041	ng		99
25) Isophorone	7.698	82	53761	3.991	ng		98
26) 2-Nitrophenol	7.781	139	11800	3.592	ng		97
27) 2,4-Dimethylphenol	7.816	122	16614	3.546	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	32262	4.019	ng		98
29) 2,4-Dichlorophenol	8.016	162	21309	3.799	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	26399	4.121	ng		96
31) Naphthalene	8.192	128	84616	4.076	ng		100
33) 4-Chloroaniline	8.233	127	30114	4.189	ng		99
34) Hexachlorobutadiene	8.310	225	14928	3.677	ng		97
35) Caprolactam	8.557	113	5918	3.408	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	23302	3.812	ng		98
37) 2-Methylnaphthalene	8.880	142	53133	4.091	ng		97
38) 1-Methylnaphthalene	8.980	142	50235	3.933	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	26105	4.169	ng		99
41) Hexachlorocyclopentadiene	9.033	237	6860	3.409	ng		96
43) 2,4,6-Trichlorophenol	9.157	196	15365	3.750	ng		96
44) 2,4,5-Trichlorophenol	9.192	196	15121	3.522	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.345	154	71591	4.366	ng		99
47) 2-Chloronaphthalene	9.369	162	49573	4.004	ng		98
48) 2-Nitroaniline	9.457	65	15458	3.625	ng		91
49) Acenaphthylene	9.780	152	80844	4.335	ng		100
50) Dimethylphthalate	9.639	163	55129	4.110	ng		100
51) 2,6-Dinitrotoluene	9.698	165	10736	3.528	ng		97
52) Acenaphthene	9.957	154	48680	3.936	ng		100
53) 3-Nitroaniline	9.869	138	11915	3.675	ng		97
54) 2,4-Dinitrophenol	9.975	184	1139	8.173	ng	#	38
55) Dibenzofuran	10.127	168	75411	4.253	ng		98
56) 4-Nitrophenol	10.022	139	6208	2.594	ng		87
57) 2,4-Dinitrotoluene	10.098	165	12728	3.286	ng	#	97
58) Fluorene	10.469	166	58199	4.233	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12701	3.758	ng		95
60) Diethylphthalate	10.339	149	52469	3.975	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	27575	4.159	ng		97
62) 4-Nitroaniline	10.474	138	10416	3.375	ng		98
63) Azobenzene	10.622	77	55382	3.981	ng		97
66) n-Nitrosodiphenylamine	10.580	169	47361	4.002	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	15511	3.932	ng		100
68) Hexachlorobenzene	11.016	284	17194	3.808	ng		98
69) Atrazine	11.098	200	13417	4.914	ng		98
70) Pentachlorophenol	11.210	266	5874	2.252	ng		96
71) Phenanthrene	11.433	178	80437	4.235	ng		99
72) Anthracene	11.480	178	76423	4.119	ng		99
73) Carbazole	11.639	167	67016	3.865	ng		100
74) Di-n-butylphthalate	11.969	149	65357	3.681	ng		99
75) Fluoranthene	12.621	202	75876	3.985	ng		98
77) Benzidine	12.745	184	17768	4.166	ng	#	94
78) Pyrene	12.845	202	80227	3.921	ng		100
80) Butylbenzylphthalate	13.468	149	15578	3.234	ng		99
81) Benzo(a)anthracene	14.033	228	52224	3.861	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	12457	3.468	ng		99
83) Chrysene	14.068	228	51769	4.101	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	16632	2.942	ng		96
85) Di-n-octyl phthalate	14.645	149	24476	2.261	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	34113	2.890	ng		97
88) Benzo(b)fluoranthene	15.086	252	37178	3.416	ng		99
89) Benzo(k)fluoranthene	15.115	252	40900	4.192	ng		99
90) Benzo(a)pyrene	15.457	252	35081	3.796	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	26456	2.719	ng		98
92) Benzo(g,h,i)perylene	17.433	276	26764	2.665	ng		92

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

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