Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139258.D
Acq On : 05 Sep 2024 13:59
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-10 ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 15:45:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	189685	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	710948	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	376753	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	697552	20.000	ng		0.00
76) Chrysene-d12	14.051	240	332513	20.000	ng		0.00
86) Perylene-d12	15.527	264	321910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1087411	95.901	ng		0.00
7) Phenol-d6	6.516	99	1492043	98.568	ng		0.00
23) Nitrobenzene-d5	7.451	82	944939	69.145	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	338117	103.930	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1627079	66.665	ng		0.00
79) Terphenyl-d14	12.998	244	1443996	70.116	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	42484	8.046	ng		98
3) Pyridine	3.463	79	97047	7.614	ng		97
4) n-Nitrosodimethylamine	3.369	42	71279	8.612	ng		100
6) Aniline	6.551	93	147830	10.620	ng		97
8) 2-Chlorophenol	6.675	128	107155	9.119	ng		98
9) Benzaldehyde	6.440	77	93160	10.167	ng		99
10) Phenol	6.528	94	140817	8.819	ng	#	77
11) bis(2-Chloroethyl)ether	6.628	93	102420	8.954	ng		99
12) 1,3-Dichlorobenzene	6.828	146	117068	8.801	ng		98
13) 1,4-Dichlorobenzene	6.904	146	115353	8.664	ng		100
14) 1,2-Dichlorobenzene	7.057	146	108981	8.777	ng		99
15) Benzyl Alcohol	7.022	79	109819	9.948	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	206607	9.488	ng		100
17) 2-Methylphenol	7.134	107	79461	8.278	ng		99
18) Hexachloroethane	7.398	117	41286	8.683	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	82178	9.426	ng		99
20) 3+4-Methylphenols	7.287	107	107341	8.873	ng		92
22) Acetophenone	7.292	105	154535	9.124	ng		98
24) Nitrobenzene	7.469	77	123833	8.537	ng		100
25) Isophorone	7.704	82	208511	8.924	ng		100
26) 2-Nitrophenol	7.787	139	52533	9.221	ng		97
27) 2,4-Dimethylphenol	7.816	122	39676	4.883	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	126363	9.078	ng		98
29) 2,4-Dichlorophenol	8.022	162	87609	9.006	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	96745	8.707	ng		99
31) Naphthalene	8.192	128	320971	8.915	ng		99
32) Benzoic acid	7.898	122	78945	10.667	ng		98
33) 4-Chloroaniline	8.239	127	119085	9.553	ng		96
34) Hexachlorobutadiene	8.310	225	58352	8.288	ng		99
35) Caprolactam	8.581	113	26639	8.845	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	90279	8.516	ng		97
37) 2-Methylnaphthalene	8.881	142	202123	8.973	ng		98
38) 1-Methylnaphthalene	8.981	142	190557	8.602	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	98235	9.216	ng		99
41) Hexachlorocyclopentadiene	9.033	237	25469	7.435	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	63690	9.132	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	66014	9.033	ng		99
46) 1,1'-Biphenyl	9.345	154	257696	9.232	ng		100
47) 2-Chloronaphthalene	9.375	162	188594	8.948	ng		99
48) 2-Nitroaniline	9.463	65	67272	9.266	ng		97
49) Acenaphthylene	9.786	152	314288	9.900	ng		100
50) Dimethylphthalate	9.639	163	208819	9.145	ng		99
51) 2,6-Dinitrotoluene	9.704	165	44632	8.616	ng		99
52) Acenaphthene	9.957	154	190919	9.067	ng		99
53) 3-Nitroaniline	9.869	138	49613	8.989	ng		94
54) 2,4-Dinitrophenol	9.975	184	16179	12.926	ng	#	62
55) Dibenzofuran	10.128	168	283717	9.398	ng		100
56) 4-Nitrophenol	10.022	139	57341	14.076	ng		99
57) 2,4-Dinitrotoluene	10.104	165	59366	9.004	ng		96
58) Fluorene	10.475	166	218139	9.320	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	54526	9.478	ng		98
60) Diethylphthalate	10.345	149	203427	9.052	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	101734	9.013	ng		99
62) 4-Nitroaniline	10.480	138	45454	8.652	ng		96
63) Azobenzene	10.628	77	217001	9.162	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	22376	6.942	ng		99
66) n-Nitrosodiphenylamine	10.580	169	182641	8.995	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	60694	8.968	ng		95
68) Hexachlorobenzene	11.016	284	68090	8.788	ng		99
69) Atrazine	11.104	200	54746	11.686	ng		99
70) Pentachlorophenol	11.210	266	57151	12.770	ng		98
71) Phenanthrene	11.433	178	303138	9.303	ng		99
72) Anthracene	11.486	178	287544	9.033	ng		99
73) Carbazole	11.639	167	269063	9.044	ng		100
74) Di-n-butylphthalate	11.974	149	283929	9.320	ng		100
75) Fluoranthene	12.621	202	297817	9.116	ng		100
77) Benzidine	12.745	184	47852	7.147	ng		97
78) Pyrene	12.851	202	299064	9.311	ng		100
80) Butylbenzylphthalate	13.474	149	72065	9.530	ng		96
81) Benzo(a)anthracene	14.039	228	193276	9.103	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	55287	9.805	ng		99
83) Chrysene	14.074	228	178716	9.019	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	76848	8.659	ng		98
85) Di-n-octyl phthalate	14.651	149	126091	7.421	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	157449	7.829	ng		98
88) Benzo(b)fluoranthene	15.092	252	156123	8.421	ng		99
89) Benzo(k)fluoranthene	15.121	252	156648	9.424	ng		99
90) Benzo(a)pyrene	15.462	252	140295	8.912	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	124413	7.507	ng		100
92) Benzo(g,h,i)perylene	17.445	276	120446	7.041	ng		99

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

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