Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139255.D
Acq On : 05 Sep 2024 11:33
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-5 ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 12:30:06 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 :
LOQ-WATER-02-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	6.887	152	140223	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	524094	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	280336	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	513314	20.000	ng		0.00
76) Chrysene-d12	14.051	240	254777	20.000	ng		0.00
86) Perylene-d12	15.527	264	234694	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	799216	95.347	ng		0.00
7) Phenol-d6	6.510	99	1088791	97.300	ng		0.00
23) Nitrobenzene-d5	7.451	82	763062	75.743	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	233074	96.282	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1354296	74.573	ng		0.00
79) Terphenyl-d14	12.998	244	1188496	75.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	17304	4.433	ng		98
3) Pyridine	3.469	79	38333	4.068	ng		100
4) n-Nitrosodimethylamine	3.369	42	26856	4.389	ng	#	98
6) Aniline	6.551	93	55502	5.394	ng		99
8) 2-Chlorophenol	6.669	128	41019	4.722	ng		87
9) Benzaldehyde	6.440	77	36243	5.351	ng		98
10) Phenol	6.528	94	55307	4.686	ng		85
11) bis(2-Chloroethyl)ether	6.622	93	40098	4.742	ng		100
12) 1,3-Dichlorobenzene	6.828	146	45005	4.577	ng		99
13) 1,4-Dichlorobenzene	6.904	146	45161	4.589	ng		99
14) 1,2-Dichlorobenzene	7.057	146	42514	4.632	ng		99
15) Benzyl Alcohol	7.022	79	45640	5.593	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	78657	4.886	ng		99
17) 2-Methylphenol	7.128	107	30775	4.337	ng		99
18) Hexachloroethane	7.398	117	15436	4.391	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	30465	4.727	ng		98
20) 3+4-Methylphenols	7.287	107	40919	4.575	ng	#	80
22) Acetophenone	7.292	105	59724	4.783	ng		95
24) Nitrobenzene	7.469	77	48005	4.489	ng		98
25) Isophorone	7.698	82	79675	4.626	ng		100
26) 2-Nitrophenol	7.781	139	17383	4.139	ng		98
27) 2,4-Dimethylphenol	7.816	122	28454m	4.751	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	48534	4.730	ng		98
29) 2,4-Dichlorophenol	8.022	162	33231	4.634	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	36811	4.494	ng		99
31) Naphthalene	8.192	128	122780	4.626	ng		99
32) Benzoic acid	7.863	122	12221m	2.240	ng		
33) 4-Chloroaniline	8.239	127	44956	4.892	ng		97
34) Hexachlorobutadiene	8.310	225	22380	4.312	ng		98
35) Caprolactam	8.563	113	9224	4.155	ng		99
36) 4-Chloro-3-methylphenol	8.710	107	33931	4.342	ng		97
37) 2-Methylnaphthalene	8.881	142	77310	4.656	ng		97
38) 1-Methylnaphthalene	8.981	142	73883	4.524	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	39039	4.922	ng		99
41) Hexachlorocyclopentadiene	9.033	237	7247	2.843	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	22793	4.392	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24213	4.452	ng		98
46) 1,1'-Biphenyl	9.345	154	100784	4.852	ng		98
47) 2-Chloronaphthalene	9.369	162	72569	4.627	ng		99
48) 2-Nitroaniline	9.463	65	22980	4.254	ng		100
49) Acenaphthylene	9.786	152	119308	5.051	ng		99
50) Dimethylphthalate	9.639	163	81542	4.799	ng		100
51) 2,6-Dinitrotoluene	9.704	165	15576	4.041	ng		97
52) Acenaphthene	9.957	154	70173	4.479	ng		97
53) 3-Nitroaniline	9.869	138	18212	4.434	ng		97
54) 2,4-Dinitrophenol	9.975	184	2004	8.425	ng	#	2
55) Dibenzofuran	10.128	168	109579	4.878	ng		99
56) 4-Nitrophenol	10.022	139	9032	2.980	ng		99
57) 2,4-Dinitrotoluene	10.104	165	20332	4.144	ng		95
58) Fluorene	10.469	166	84977	4.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	18437	4.307	ng		98
60) Diethylphthalate	10.339	149	77918	4.660	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	40319	4.801	ng		99
62) 4-Nitroaniline	10.475	138	15711	4.019	ng		97
63) Azobenzene	10.627	77	81243	4.610	ng		96
66) n-Nitrosodiphenylamine	10.580	169	70407	4.712	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	22428	4.503	ng		96
68) Hexachlorobenzene	11.016	284	26058	4.570	ng		98
69) Atrazine	11.104	200	19245	5.583	ng		98
70) Pentachlorophenol	11.210	266	8166	2.479	ng		96
71) Phenanthrene	11.433	178	116800	4.871	ng		99
72) Anthracene	11.486	178	107195	4.576	ng		100
73) Carbazole	11.639	167	98642	4.505	ng		99
74) Di-n-butylphthalate	11.974	149	102036	4.552	ng		99
75) Fluoranthene	12.621	202	110028	4.577	ng		99
77) Benzidine	12.745	184	17164	3.346	ng		96
78) Pyrene	12.851	202	115036	4.674	ng		100
80) Butylbenzylphthalate	13.474	149	23484	4.053	ng		97
81) Benzo(a)anthracene	14.039	228	75582	4.646	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	18633	4.313	ng		99
83) Chrysene	14.074	228	69747	4.594	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	25289	3.719	ng		99
85) Di-n-octyl phthalate	14.651	149	39781	3.055	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	49073	3.347	ng		98
88) Benzo(b)fluoranthene	15.092	252	58008	4.292	ng		99
89) Benzo(k)fluoranthene	15.121	252	57179	4.718	ng		99
90) Benzo(a)pyrene	15.457	252	50486	4.399	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	39743	3.289	ng		98
92) Benzo(g,h,i)perylene	17.445	276	40071	3.213	ng		100

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

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