Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138532.D
Acq On : 11 Jul 2024 19:50
Operator : CG\JU
Sample : P3187-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 01:13:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	83811	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	330288	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	179528	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	271462	20.000	ng	#	0.00
76) Chrysene-d12	14.021	240	154269	20.000	ng		0.00
86) Perylene-d12	15.480	264	179182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	484252	91.508	ng		0.00
7) Phenol-d6	6.504	99	648986	92.188	ng		0.00
23) Nitrobenzene-d5	7.428	82	424985	63.175	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	146107	87.079	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	756405	65.850	ng		0.00
79) Terphenyl-d14	12.963	244	615379	64.985	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	107763	45.979	ng		99
3) Pyridine	3.463	79	292395	50.588	ng		99
4) n-Nitrosodimethylamine	3.434	42	207524	55.155	ng		95
6) Aniline	6.528	93	329991	50.046	ng		99
8) 2-Chlorophenol	6.651	128	319207	57.046	ng		97
9) Benzaldehyde	6.416	77	37366	9.916	ng		97
10) Phenol	6.516	94	415084	55.549	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	308043	54.754	ng		98
12) 1,3-Dichlorobenzene	6.804	146	332855	52.920	ng		98
13) 1,4-Dichlorobenzene	6.881	146	336942	52.753	ng		99
14) 1,2-Dichlorobenzene	7.034	146	320189	53.824	ng		96
15) Benzyl Alcohol	7.010	79	299245	56.641	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	592401	53.545	ng		96
17) 2-Methylphenol	7.122	107	250353	54.591	ng		96
18) Hexachloroethane	7.375	117	127341	54.232	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	235852	54.220	ng		96
20) 3+4-Methylphenols	7.275	107	310567	53.779	ng	#	89
22) Acetophenone	7.275	105	407014	50.739	ng		97
24) Nitrobenzene	7.451	77	364666	53.343	ng		94
25) Isophorone	7.687	82	661740	57.281	ng		99
26) 2-Nitrophenol	7.763	139	172435	58.851	ng		95
27) 2,4-Dimethylphenol	7.798	122	220244	61.159	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	384773	55.730	ng		98
29) 2,4-Dichlorophenol	8.010	162	264165	56.488	ng		96
30) 1,2,4-Trichlorobenzene	8.087	180	287662	52.804	ng		97
31) Naphthalene	8.169	128	927097	53.971	ng		99
32) Benzoic acid	7.934	122	155970	45.410	ng		91
33) 4-Chloroaniline	8.216	127	235941	39.147	ng		100
34) Hexachlorobutadiene	8.281	225	177933	53.040	ng		99
35) Caprolactam	8.592	113	72526m	48.061	ng		
36) 4-Chloro-3-methylphenol	8.704	107	281750	53.816	ng		100
37) 2-Methylnaphthalene	8.857	142	602759	54.527	ng		99
38) 1-Methylnaphthalene	8.957	142	557650	51.689	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	260023	51.968	ng		99
41) Hexachlorocyclopentadiene	9.010	237	260870	160.628	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	177169	55.510	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	187145	53.311	ng		96
46) 1,1'-Biphenyl	9.322	154	705803	51.877	ng		99
47) 2-Chloronaphthalene	9.351	162	558626	54.350	ng		98
48) 2-Nitroaniline	9.445	65	193746	54.396	ng		93
49) Acenaphthylene	9.763	152	857417	58.756	ng		99
50) Dimethylphthalate	9.628	163	645617	55.615	ng		100
51) 2,6-Dinitrotoluene	9.686	165	141179	52.820	ng	#	82
52) Acenaphthene	9.934	154	515975	53.192	ng		99
53) 3-Nitroaniline	9.857	138	109532	39.983	ng		95
54) 2,4-Dinitrophenol	9.969	184	126778	87.889	ng	#	83
55) Dibenzofuran	10.110	168	753791	53.576	ng		99
56) 4-Nitrophenol	10.028	139	175904	87.023	ng		97
57) 2,4-Dinitrotoluene	10.092	165	179323	51.853	ng		98
58) Fluorene	10.451	166	580187	52.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	145030	52.348	ng		98
60) Diethylphthalate	10.322	149	614193	54.882	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	291392	52.125	ng		91
62) 4-Nitroaniline	10.475	138	125800	45.826	ng		98
63) Azobenzene	10.598	77	646565	53.737	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	95437	60.887	ng		83
66) n-Nitrosodiphenylamine	10.563	169	494691	60.824	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	168995	60.569	ng		95
68) Hexachlorobenzene	10.992	284	183029	59.049	ng		99
69) Atrazine	11.086	200	151399	56.146	ng		98
70) Pentachlorophenol	11.192	266	180947	98.656	ng		97
71) Phenanthrene	11.410	178	766749	55.908	ng		99
72) Anthracene	11.463	178	784006	57.589	ng		99
73) Carbazole	11.616	167	617271	50.454	ng		99
74) Di-n-butylphthalate	11.945	149	877190	62.202	ng		99
75) Fluoranthene	12.598	202	686570	49.061	ng		100
77) Benzidine	12.716	184	122387	31.444	ng		98
78) Pyrene	12.827	202	684124	43.685	ng		100
80) Butylbenzylphthalate	13.439	149	297589	63.170	ng		98
81) Benzo(a)anthracene	14.010	228	577650	55.804	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	160421	60.143	ng		98
83) Chrysene	14.051	228	560350	57.222	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	423986	84.387	ng		100
85) Di-n-octyl phthalate	14.610	149	715447	90.139	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	482113	40.057	ng		99
88) Benzo(b)fluoranthene	15.057	252	592122	58.678	ng		100
89) Benzo(k)fluoranthene	15.092	252	544716	55.348	ng		98
90) Benzo(a)pyrene	15.427	252	522037	58.891	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	396781	40.302	ng		98
92) Benzo(g,h,i)perylene	17.398	276	345473	33.092	ng		97

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

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