Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138522.D
Acq On : 11 Jul 2024 14:40
Operator : CG\JU
Sample : P3183-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 11 15:05:40 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

Instrument :
BNA_F
ClientSampleId :
VNJ-226MS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	86617	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	344587	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	186910	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	296380	20.000	ng		0.00
76) Chrysene-d12	14.021	240	165443	20.000	ng		0.00
86) Perylene-d12	15.486	264	181401	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	817408	149.460	ng		0.02
7) Phenol-d6	6.510	99	1061413	145.889	ng		0.00
23) Nitrobenzene-d5	7.434	82	715180	101.901	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	260564	149.161	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1238093	103.527	ng		0.00
79) Terphenyl-d14	12.969	244	1055600	103.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	112888	46.605	ng	#	80
3) Pyridine	3.575	79	200219	33.518	ng		99
4) n-Nitrosodimethylamine	3.516	42	218386	56.161	ng		91
6) Aniline	6.534	93	171042	25.099	ng	#	86
8) 2-Chlorophenol	6.657	128	341082	58.980	ng		98
9) Benzaldehyde	6.422	77	19605	5.034	ng		94
10) Phenol	6.522	94	422380	54.694	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	332657	57.213	ng		98
12) 1,3-Dichlorobenzene	6.810	146	342440	52.680	ng		98
13) 1,4-Dichlorobenzene	6.887	146	346385	52.475	ng		99
14) 1,2-Dichlorobenzene	7.034	146	330452	53.750	ng		98
15) Benzyl Alcohol	7.010	79	323219	59.197	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	629255	55.034	ng		95
17) 2-Methylphenol	7.128	107	273509	57.708	ng	#	93
18) Hexachloroethane	7.375	117	130077	53.603	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	256756	57.113	ng		97
20) 3+4-Methylphenols	7.275	107	333828	55.934	ng		89
22) Acetophenone	7.275	105	430800	51.475	ng	#	96
24) Nitrobenzene	7.451	77	387740	54.364	ng		95
25) Isophorone	7.687	82	709478	58.864	ng		100
26) 2-Nitrophenol	7.763	139	183496	60.027	ng		94
27) 2,4-Dimethylphenol	7.804	122	242110	64.441	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	418613	58.115	ng		98
29) 2,4-Dichlorophenol	8.010	162	289936	59.426	ng		96
30) 1,2,4-Trichlorobenzene	8.087	180	300190	52.817	ng		99
31) Naphthalene	8.169	128	975761	54.447	ng		99
32) Benzoic acid	7.939	122	190686	53.214	ng		96
33) 4-Chloroaniline	8.216	127	91320	14.523	ng		97
34) Hexachlorobutadiene	8.281	225	183602	52.459	ng		99
35) Caprolactam	8.598	113	72121m	45.810	ng		
36) 4-Chloro-3-methylphenol	8.710	107	313630	57.420	ng		98
37) 2-Methylnaphthalene	8.857	142	644341	55.870	ng		100
38) 1-Methylnaphthalene	8.957	142	593063	52.691	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	277873	53.342	ng		98
41) Hexachlorocyclopentadiene	9.010	237	280215	165.725	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	199499	60.037	ng		98

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44) 2,4,5-Trichlorophenol	9.186	196	212086	58.029	ng	#	94
46) 1,1'-Biphenyl	9.322	154	766633	54.122	ng		99
47) 2-Chloronaphthalene	9.351	162	606483	56.676	ng		99
48) 2-Nitroaniline	9.445	65	208601	56.254	ng		93
49) Acenaphthylene	9.769	152	940738	61.920	ng		99
50) Dimethylphthalate	9.628	163	734230	60.751	ng		100
51) 2,6-Dinitrotoluene	9.692	165	155771	55.977	ng		99
52) Acenaphthene	9.939	154	570155	56.456	ng		99
53) 3-Nitroaniline	9.857	138	62602	21.949	ng		96
54) 2,4-Dinitrophenol	9.969	184	151875	100.427	ng		90
55) Dibenzofuran	10.110	168	839856	57.335	ng		99
56) 4-Nitrophenol	10.033	139	208187	98.926	ng		88
57) 2,4-Dinitrotoluene	10.092	165	205127	56.972	ng		99
58) Fluorene	10.451	166	647310	55.849	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	172180	59.694	ng		99
60) Diethylphthalate	10.328	149	686308	58.904	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	327923	56.343	ng		95
62) 4-Nitroaniline	10.475	138	132509	46.363	ng		99
63) Azobenzene	10.604	77	724297	57.820	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	112034	65.466	ng	#	77
66) n-Nitrosodiphenylamine	10.563	169	553971	62.386	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	189942	62.353	ng		94
68) Hexachlorobenzene	10.998	284	206294	60.959	ng	#	92
69) Atrazine	11.086	200	148453	50.425	ng		99
70) Pentachlorophenol	11.192	266	222604	111.164	ng		98
71) Phenanthrene	11.416	178	885846	59.161	ng		100
72) Anthracene	11.463	178	891622	59.987	ng		99
73) Carbazole	11.622	167	712553	53.345	ng		99
74) Di-n-butylphthalate	11.945	149	1012530	65.763	ng		99
75) Fluoranthene	12.598	202	795196	52.046	ng		98
77) Benzidine	12.716	184	20371	4.880	ng		98
78) Pyrene	12.827	202	786603	46.836	ng		99
80) Butylbenzylphthalate	13.445	149	349519	69.182	ng		96
81) Benzo(a)anthracene	14.010	228	657637	59.240	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	93812	32.796	ng		100
83) Chrysene	14.051	228	622322	59.258	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	497660	92.361	ng		99
85) Di-n-octyl phthalate	14.610	149	822614	96.641	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	523357	42.952	ng		100
88) Benzo(b)fluoranthene	15.063	252	632475	61.910	ng		99
89) Benzo(k)fluoranthene	15.092	252	621416	62.369	ng		99
90) Benzo(a)pyrene	15.427	252	568499	63.347	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	428200	42.961	ng		98
92) Benzo(g,h,i)perylene	17.398	276	370057	35.013	ng		96

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

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