Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138228.D
Acq On : 18 Jun 2024 16:59
Operator : CG\JU
Sample : P2915-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 17:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	378203	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1500974	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	762957	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1059376	20.000	ng		0.00
76) Chrysene-d12	14.051	240	658904	20.000	ng		0.00
86) Perylene-d12	15.521	264	581328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	2723940	120.482	ng		0.03
7) Phenol-d6	6.534	99	3302906	115.210	ng		0.01
23) Nitrobenzene-d5	7.463	82	2263384	87.787	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	848359	111.694	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	4026714	83.924	ng		0.00
79) Terphenyl-d14	12.998	244	3229035	77.617	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	418086	40.409	ng		98
3) Pyridine	3.616	79	801879	32.610	ng		99
4) n-Nitrosodimethylamine	3.563	42	546073	47.983	ng		94
6) Aniline	6.557	93	498830	17.783	ng		99
8) 2-Chlorophenol	6.681	128	1260197	51.557	ng		97
9) Benzaldehyde	6.445	77	255612	16.787	ng		98
10) Phenol	6.545	94	1340056m	46.060	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1166814	50.110	ng		98
12) 1,3-Dichlorobenzene	6.839	146	1237164	44.537	ng		97
13) 1,4-Dichlorobenzene	6.916	146	1248624	44.666	ng		98
14) 1,2-Dichlorobenzene	7.063	146	1212895	46.218	ng		99
15) Benzyl Alcohol	7.039	79	1042679	53.941	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1575228	47.934	ng		96
17) 2-Methylphenol	7.145	107	973402	50.475	ng		99
18) Hexachloroethane	7.404	117	444926	46.979	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	859766	50.594	ng		98
20) 3+4-Methylphenols	7.298	107	1120148	46.148	ng		92
22) Acetophenone	7.310	105	1460121	42.584	ng	#	98
24) Nitrobenzene	7.481	77	1246522	46.778	ng		95
25) Isophorone	7.716	82	2326023	49.877	ng		99
26) 2-Nitrophenol	7.792	139	653920	61.027	ng		96
27) 2,4-Dimethylphenol	7.828	122	866164	53.132	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1468544	50.304	ng		99
29) 2,4-Dichlorophenol	8.033	162	1025675	48.869	ng		100
30) 1,2,4-Trichlorobenzene	8.116	180	1128554	45.595	ng		98
31) Naphthalene	8.198	128	3353242	45.180	ng		99
32) Benzoic acid	7.951	122	667348	46.447	ng		99
33) 4-Chloroaniline	8.239	127	173053	6.238	ng		98
34) Hexachlorobutadiene	8.310	225	648534	44.801	ng		99
35) Caprolactam	8.622	113	280150m	44.214	ng		
36) 4-Chloro-3-methylphenol	8.727	107	1016151	48.626	ng		98
37) 2-Methylnaphthalene	8.886	142	2230979	45.801	ng		99
38) 1-Methylnaphthalene	8.986	142	2085267	43.686	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1039867	46.641	ng		99
41) Hexachlorocyclopentadiene	9.039	237	660023	90.791	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	728856	52.210	ng		98

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44) 2,4,5-Trichlorophenol	9.204	196	742046	48.403	ng		97
46) 1,1'-Biphenyl	9.351	154	2564317	45.804	ng		100
47) 2-Chloronaphthalene	9.380	162	2102225	47.513	ng		98
48) 2-Nitroaniline	9.475	65	583412	54.753	ng		90
49) Acenaphthylene	9.792	152	3096917	49.916	ng		99
50) Dimethylphthalate	9.657	163	2541280	54.363	ng		100
51) 2,6-Dinitrotoluene	9.716	165	554258	54.653	ng		91
52) Acenaphthene	9.963	154	2010017	47.511	ng		99
53) 3-Nitroaniline	9.880	138	297079	27.421	ng		99
54) 2,4-Dinitrophenol	9.986	184	326922	67.607	ng		94
55) Dibenzofuran	10.139	168	2739598	46.322	ng		99
56) 4-Nitrophenol	10.039	139	617471	72.122	ng		95
57) 2,4-Dinitrotoluene	10.116	165	668525	53.447	ng	#	90
58) Fluorene	10.480	166	1980155	42.584	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	551452	46.026	ng		99
60) Diethylphthalate	10.351	149	2371990	53.463	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	1080452	46.654	ng		98
62) 4-Nitroaniline	10.498	138	428243	39.562	ng		97
63) Azobenzene	10.627	77	2086323	46.937	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	251034	46.720	ng		85
66) n-Nitrosodiphenylamine	10.592	169	1836555	56.626	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	680166	56.978	ng	#	91
68) Hexachlorobenzene	11.021	284	710346	50.991	ng		99
69) Atrazine	11.116	200	525519	56.887	ng		99
70) Pentachlorophenol	11.216	266	711092	87.523	ng		97
71) Phenanthrene	11.439	178	2524511	48.187	ng		100
72) Anthracene	11.492	178	2553971	49.100	ng		100
73) Carbazole	11.645	167	2117316	44.381	ng		99
74) Di-n-butylphthalate	11.974	149	3022789	61.202	ng		100
75) Fluoranthene	12.621	202	2332519	43.661	ng		98
77) Benzidine	12.745	184	188942	24.791	ng		99
78) Pyrene	12.857	202	2363762	41.590	ng		99
80) Butylbenzylphthalate	13.474	149	1060717	68.613	ng		98
81) Benzo(a)anthracene	14.039	228	2119867	50.148	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	485212	41.682	ng		99
83) Chrysene	14.074	228	2068030	51.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1474582	82.011	ng		97
85) Di-n-octyl phthalate	14.645	149	2602704	97.437	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	1715857	45.277	ng		99
88) Benzo(b)fluoranthene	15.092	252	1870902	54.574	ng		99
89) Benzo(k)fluoranthene	15.121	252	1866561	55.557	ng		99
90) Benzo(a)pyrene	15.462	252	1594447	54.139	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	1410264	45.337	ng		99
92) Benzo(g,h,i)perylene	17.450	276	1277453	39.698	ng		99

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

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