Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133905.D
Acq On : 22 Jun 2023 17:09
Operator : CG\JU
Sample : 03320-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	95627	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	359100	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	168480	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	275910	20.000	ng		0.00
76) Chrysene-d12	14.057	240	209062	20.000	ng		0.00
86) Perylene-d12	15.562	264	170639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	507329	92.360	ng		0.00
7) Phenol-d6	6.498	99	622360	87.044	ng		0.00
23) Nitrobenzene-d5	7.422	82	400465	60.741	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	188170	88.233	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	784423	66.184	ng		0.00
79) Terphenyl-d14	12.986	244	793513	58.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	90683	37.551	ng		99
3) Pyridine	3.451	79	235989	33.527	ng		98
4) n-Nitrosodimethylamine	3.416	42	164180	42.197	ng		97
6) Aniline	6.528	93	349466	38.806	ng		99
8) 2-Chlorophenol	6.645	128	276944	47.842	ng		98
9) Benzaldehyde	6.416	77	143267	30.202	ng		99
10) Phenol	6.516	94	335112	44.885	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	248493	44.833	ng		97
12) 1,3-Dichlorobenzene	6.804	146	292427	47.281	ng		98
13) 1,4-Dichlorobenzene	6.881	146	303765	48.593	ng		97
14) 1,2-Dichlorobenzene	7.028	146	285625	50.566	ng		99
15) Benzyl Alcohol	7.004	79	246281	44.102	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	448194	47.702	ng		99
17) 2-Methylphenol	7.116	107	222458	43.357	ng		99
18) Hexachloroethane	7.369	117	107652	50.303	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	190723	41.925	ng		100
20) 3+4-Methylphenols	7.269	107	268390	40.211	ng	#	80
22) Acetophenone	7.269	105	373788	45.384	ng	#	93
24) Nitrobenzene	7.445	77	297181	44.765	ng		98
25) Isophorone	7.681	82	531426	43.905	ng		100
26) 2-Nitrophenol	7.757	139	148539	49.855	ng		97
27) 2,4-Dimethylphenol	7.798	122	240924	46.915	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	311858	44.579	ng		100
29) 2,4-Dichlorophenol	7.998	162	228481	45.397	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	239766	45.660	ng		96
31) Naphthalene	8.163	128	757489	43.297	ng		99
32) Benzoic acid	7.910	122	155916	48.141	ng		94
33) 4-Chloroaniline	8.210	127	255975	34.218	ng		99
34) Hexachlorobutadiene	8.275	225	151516	44.071	ng		99
35) Caprolactam	8.586	113	76568m	45.211	ng		
36) 4-Chloro-3-methylphenol	8.698	107	252973	43.606	ng		99
37) 2-Methylnaphthalene	8.857	142	514272	42.306	ng		100
38) 1-Methylnaphthalene	8.951	142	472957	42.282	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	243553	47.551	ng		99
41) Hexachlorocyclopentadiene	9.004	237	120820	52.933	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	158496	46.307	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	168558	42.331	ng		98
46) 1,1'-Biphenyl	9.322	154	647534	47.654	ng		100
47) 2-Chloronaphthalene	9.345	162	463666	47.570	ng		100
48) 2-Nitroaniline	9.445	65	160039	44.895	ng		96
49) Acenaphthylene	9.763	152	745073	43.919	ng		100
50) Dimethylphthalate	9.622	163	572942	45.559	ng		100
51) 2,6-Dinitrotoluene	9.686	165	120947	46.595	ng	#	83
52) Acenaphthene	9.933	154	437623	44.071	ng		99
53) 3-Nitroaniline	9.857	138	125769	39.815	ng		89
54) 2,4-Dinitrophenol	9.963	184	62846	51.722	ng		90
55) Dibenzofuran	10.110	168	669196	44.165	ng		99
56) 4-Nitrophenol	10.022	139	176149	82.627	ng	#	80
57) 2,4-Dinitrotoluene	10.092	165	151161	45.789	ng		97
58) Fluorene	10.451	166	502082	43.330	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	133288	44.710	ng		100
60) Diethylphthalate	10.322	149	576495	45.042	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	251467	43.960	ng		95
62) 4-Nitroaniline	10.475	138	120402	38.875	ng		99
63) Azobenzene	10.604	77	562928	46.460	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	49107	37.247	ng		96
66) n-Nitrosodiphenylamine	10.563	169	453251	48.906	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	150290	48.803	ng		96
68) Hexachlorobenzene	10.998	284	155620	48.055	ng		96
69) Atrazine	11.092	200	143387	53.322	ng		98
70) Pentachlorophenol	11.198	266	153199	79.003	ng		97
71) Phenanthrene	11.416	178	639395	45.677	ng		100
72) Anthracene	11.469	178	644970	44.189	ng		99
73) Carbazole	11.627	167	606089	44.585	ng		99
74) Di-n-butylphthalate	11.957	149	801987	46.018	ng		99
75) Fluoranthene	12.616	202	679455	45.708	ng		99
77) Benzidine	12.739	184	467977	66.708	ng		99
78) Pyrene	12.845	202	703562	36.127	ng		99
80) Butylbenzylphthalate	13.468	149	321569	39.112	ng		98
81) Benzo(a)anthracene	14.045	228	657143	45.443	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	244736	50.905	ng	#	98
83) Chrysene	14.080	228	614022	44.893	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	452453	44.695	ng		98
85) Di-n-octyl phthalate	14.651	149	790823	54.973	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	429448	36.581	ng		99
88) Benzo(b)fluoranthene	15.115	252	544772	52.556	ng		99
89) Benzo(k)fluoranthene	15.145	252	539702	53.450	ng		98
90) Benzo(a)pyrene	15.498	252	427847	44.474	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	355016	36.528	ng		99
92) Benzo(g,h,i)perylene	17.586	276	336437	34.914	ng		97

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

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