Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134249.D
Acq On : 12 Jul 2023 16:22
Operator : CG\JU
Sample : 03541-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-WWS-08MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 16:45:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	115310	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	458014	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	237798	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	464129	20.000	ng		0.00
76) Chrysene-d12	14.039	240	208270	20.000	ng		0.00
86) Perylene-d12	15.545	264	245812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	663279	96.220	ng		0.02
7) Phenol-d6	6.486	99	760685	89.730	ng		0.00
23) Nitrobenzene-d5	7.410	82	589216	69.347	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	316490	106.151	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1131826	69.200	ng		0.00
79) Terphenyl-d14	12.974	244	1234863	95.425	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	78530	27.629	ng	#	78
3) Pyridine	3.551	79	163172	22.040	ng		98
4) n-Nitrosodimethylamine	3.463	42	134808	31.881	ng		99
6) Aniline	6.510	93	153950	14.923	ng	#	65
8) 2-Chlorophenol	6.634	128	246435	35.217	ng		98
9) Benzaldehyde	6.398	77	98795	18.192	ng		94
10) Phenol	6.498	94	264485	29.673	ng		97
11) bis(2-Chloroethyl)ether	6.586	93	225445	34.355	ng		96
12) 1,3-Dichlorobenzene	6.786	146	235578	31.578	ng		98
13) 1,4-Dichlorobenzene	6.863	146	244148	32.401	ng		99
14) 1,2-Dichlorobenzene	7.016	146	231370	32.786	ng		98
15) Benzyl Alcohol	6.992	79	226526	34.662	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	364411	31.389	ng		79
17) 2-Methylphenol	7.104	107	204915	32.701	ng		97
18) Hexachloroethane	7.351	117	91411	32.717	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	187233	34.827	ng		99
20) 3+4-Methylphenols	7.281	107	280226	36.862	ng	#	52
22) Acetophenone	7.257	105	361296	34.685	ng	#	85
24) Nitrobenzene	7.428	77	273463	31.850	ng		94
25) Isophorone	7.669	82	503942	32.634	ng		100
26) 2-Nitrophenol	7.745	139	135430	32.880	ng		97
27) 2,4-Dimethylphenol	7.792	122	234893	36.027	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	286774	32.073	ng		98
29) 2,4-Dichlorophenol	8.004	162	224764	34.765	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	217392	32.587	ng		100
31) Naphthalene	8.151	128	713975	32.272	ng		99
32) Benzoic acid	7.916	122	29937	6.128	ng		93
33) 4-Chloroaniline	8.198	127	149039	15.749	ng		99
34) Hexachlorobutadiene	8.257	225	135615	32.227	ng		98
35) Caprolactam	8.575	113	63655m	29.902	ng		
36) 4-Chloro-3-methylphenol	8.692	107	255814	35.222	ng		99
37) 2-Methylnaphthalene	8.839	142	501006	32.024	ng		100
38) 1-Methylnaphthalene	8.939	142	468903	32.240	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	238841	33.902	ng		98
41) Hexachlorocyclopentadiene	8.992	237	203349	60.840	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	163481	34.087	ng		98

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44) 2,4,5-Trichlorophenol	9.169	196	178964	31.724	ng		95
46) 1,1'-Biphenyl	9.304	154	639820	33.542	ng		98
47) 2-Chloronaphthalene	9.333	162	454057	32.533	ng		98
48) 2-Nitroaniline	9.433	65	173420	34.094	ng		96
49) Acenaphthylene	9.751	152	792351	33.234	ng		99
50) Dimethylphthalate	9.610	163	597633	34.622	ng		100
51) 2,6-Dinitrotoluene	9.674	165	130606	35.129	ng		91
52) Acenaphthene	9.922	154	472406	34.148	ng		98
53) 3-Nitroaniline	9.845	138	94063	21.089	ng		99
54) 2,4-Dinitrophenol	9.957	184	31372	17.769	ng		97
55) Dibenzofuran	10.092	168	721772	33.383	ng		98
56) 4-Nitrophenol	10.016	139	173746	55.690	ng		96
57) 2,4-Dinitrotoluene	10.086	165	173732	35.383	ng		95
58) Fluorene	10.439	166	576407	34.268	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	149493	33.595	ng		98
60) Diethylphthalate	10.310	149	626641	34.844	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	279676	34.502	ng		99
62) 4-Nitroaniline	10.463	138	139919	31.128	ng		93
63) Azobenzene	10.592	77	589320	34.642	ng		99
65) 4,6-Dinitro-2-methylph...	10.492	198	40802	16.125	ng		78
66) n-Nitrosodiphenylamine	10.551	169	515401	34.756	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	172783	35.025	ng		97
68) Hexachlorobenzene	10.986	284	197823	37.768	ng		98
69) Atrazine	11.080	200	169831	41.404	ng		98
70) Pentachlorophenol	11.186	266	128961	41.178	ng		97
71) Phenanthrene	11.404	178	806072	34.499	ng		99
72) Anthracene	11.457	178	836891	34.437	ng		100
73) Carbazole	11.616	167	770124	34.622	ng		99
74) Di-n-butylphthalate	11.945	149	963370	36.419	ng		100
75) Fluoranthene	12.604	202	793620	31.418	ng		98
77) Benzidine	12.727	184	152647	30.803	ng		98
78) Pyrene	12.833	202	772840	39.873	ng		100
80) Butylbenzylphthalate	13.451	149	292115	40.185	ng		99
81) Benzo(a)anthracene	14.027	228	497603	34.451	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	155913	34.071	ng	#	99
83) Chrysene	14.068	228	467546	33.420	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	340885	40.811	ng		99
85) Di-n-octyl phthalate	14.633	149	564075	45.959	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	561033	32.892	ng		98
88) Benzo(b)fluoranthene	15.098	252	509805	35.271	ng		99
89) Benzo(k)fluoranthene	15.133	252	494314	33.589	ng		98
90) Benzo(a)pyrene	15.480	252	459288	32.861	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	478321	34.333	ng		96
92) Benzo(g,h,i)perylene	17.568	276	421779	29.357	ng		97

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

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