Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132224.D
Acq On : 30 Jan 2023 22:26
Operator : CG\JU
Sample : 01353-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11985MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 00:35:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	213500	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	793482	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	424756	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	752255	20.000	ng	0.00
76) Chrysene-d12	14.295	240	362676	20.000	ng	0.00
86) Perylene-d12	15.883	264	412993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1271829	99.114	ng	0.02
7) Phenol-d6	6.696	99	1632749	101.479	ng	0.00
23) Nitrobenzene-d5	7.643	82	1002886	66.169	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	434051	110.356	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1769417	61.296	ng	0.00
79) Terphenyl-d14	13.225	244	1538854	66.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.108	88	268290	41.541	ng	97
3) Pyridine	3.831	79	675788	38.098	ng	99
4) n-Nitrosodimethylamine	3.796	42	246259	41.481	ng	89
6) Aniline	6.743	93	641994	28.495	ng	98
8) 2-Chlorophenol	6.866	128	668166	51.931	ng	95
9) Benzaldehyde	6.631	77	467055	58.758	ng	98
10) Phenol	6.707	94	810383	48.382	ng	97
11) bis(2-Chloroethyl)ether	6.813	93	671831	46.499	ng	94
12) 1,3-Dichlorobenzene	7.025	146	699156	48.879	ng	97
13) 1,4-Dichlorobenzene	7.101	146	704909	49.434	ng	98
14) 1,2-Dichlorobenzene	7.254	146	677248	51.125	ng	98
15) Benzyl Alcohol	7.219	79	562578	47.585	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.348	45	732822	44.663	ng	97
17) 2-Methylphenol	7.319	107	539681	46.132	ng	99
18) Hexachloroethane	7.595	117	264443	50.469	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	429903	44.393	ng	95
20) 3+4-Methylphenols	7.472	107	687435	46.755	ng	93
22) Acetophenone	7.490	105	870222	44.855	ng	97
24) Nitrobenzene	7.666	77	692598	44.199	ng	94
25) Isophorone	7.901	82	1306553	44.824	ng	97
26) 2-Nitrophenol	7.978	139	329232	51.521	ng	96
27) 2,4-Dimethylphenol	8.007	122	602581	49.436	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	802377	44.711	ng	99
29) 2,4-Dichlorophenol	8.219	162	557761	49.006	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	619269	47.363	ng	100
31) Naphthalene	8.390	128	1759934	44.827	ng	99
32) Benzoic acid	8.107	122	350015m	43.622	ng	
33) 4-Chloroaniline	8.431	127	168025	9.872	ng	97
34) Hexachlorobutadiene	8.501	225	381715	46.735	ng	98
35) Caprolactam	8.813	113	181685m	56.380	ng	
36) 4-Chloro-3-methylphenol	8.907	107	574985	49.334	ng	99
37) 2-Methylnaphthalene	9.084	142	1204581	44.717	ng	99
38) 1-Methylnaphthalene	9.184	142	1116336	44.674	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	639795	44.883	ng	99
41) Hexachlorocyclopentadiene	9.237	237	729738	100.786	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	433748	49.869	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	456014	44.769	ng		98
46) 1,1'-Biphenyl	9.548	154	1454655	44.439	ng		99
47) 2-Chloronaphthalene	9.578	162	1152969	45.381	ng		100
48) 2-Nitroaniline	9.666	65	325963	47.773	ng		94
49) Acenaphthylene	9.995	152	1766646	44.754	ng		99
50) Dimethylphthalate	9.848	163	1352305	46.912	ng		100
51) 2,6-Dinitrotoluene	9.907	165	307955	50.286	ng		94
52) Acenaphthene	10.172	154	1123962	46.311	ng		100
53) 3-Nitroaniline	10.078	138	192402	28.392	ng		96
54) 2,4-Dinitrophenol	10.184	184	182906	59.864	ng		96
55) Dibenzofuran	10.342	168	1615547	44.433	ng		99
56) 4-Nitrophenol	10.231	139	455090	92.951	ng		99
57) 2,4-Dinitrotoluene	10.319	165	397236	52.688	ng	#	82
58) Fluorene	10.689	166	1237059	44.543	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	365673	50.525	ng		99
60) Diethylphthalate	10.548	149	1339672	47.675	ng		99
61) 4-Chlorophenyl-phenyle...	10.672	204	665316	45.413	ng		98
62) 4-Nitroaniline	10.701	138	287813	45.266	ng		96
63) Azobenzene	10.836	77	1296452	43.718	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	150071	39.602	ng		93
66) n-Nitrosodiphenylamine	10.795	169	1102577	46.675	ng		99
67) 4-Bromophenyl-phenylether	11.172	248	421852	48.712	ng		97
68) Hexachlorobenzene	11.236	284	438578	51.110	ng		97
69) Atrazine	11.319	200	379536	55.978	ng		99
70) Pentachlorophenol	11.431	266	435798	76.944	ng		98
71) Phenanthrene	11.660	178	1780075	46.515	ng		99
72) Anthracene	11.713	178	1756979	45.086	ng		99
73) Carbazole	11.860	167	1499002	44.778	ng		100
74) Di-n-butylphthalate	12.183	149	1899991	49.888	ng		99
75) Fluoranthene	12.854	202	1669528	42.877	ng		99
77) Benzidine	12.972	184	434432	45.892	ng		98
78) Pyrene	13.089	202	1613005	47.468	ng		100
80) Butylbenzylphthalate	13.695	149	589174	51.414	ng		95
81) Benzo(a)anthracene	14.283	228	1198038	46.982	ng		99
82) 3,3'-Dichlorobenzidine	14.236	252	155038	22.436	ng	#	98
83) Chrysene	14.319	228	1120404	47.148	ng		100
84) Bis(2-ethylhexyl)phtha...	14.254	149	833996	56.241	ng	#	99
85) Di-n-octyl phthalate	14.889	149	1252964	56.208	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.542	276	1275247	46.703	ng		99
88) Benzo(b)fluoranthene	15.407	252	1207711	47.613	ng		99
89) Benzo(k)fluoranthene	15.442	252	1203690	45.990	ng		99
90) Benzo(a)pyrene	15.818	252	1110117	46.374	ng		99
91) Dibenzo(a,h)anthracene	17.560	278	1042362	46.690	ng		99
92) Benzo(g,h,i)perylene	18.048	276	991499	43.559	ng		99

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

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