Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
Data File : BF130000.D
Acq On : 25 Aug 2022 15:31
Operator : CG\JU
Sample : N4353-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 00:57:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	119703	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	484194	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	243033	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	359826	20.000	ng	0.00
76) Chrysene-d12	13.933	240	252404	20.000	ng	0.00
86) Perylene-d12	15.374	264	260583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	819451	113.344	ng	0.01
7) Phenol-d6	6.422	99	1014735	112.080	ng	0.00
23) Nitrobenzene-d5	7.328	82	665625	73.591	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	236498	96.957	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1148509	71.775	ng	0.00
79) Terphenyl-d14	12.863	244	898479	59.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	138482	46.428	ng	97
3) Pyridine	3.287	79	356555	45.679	ng	98
4) n-Nitrosodimethylamine	3.246	42	197947	55.027	ng	88
6) Aniline	6.428	93	356666	34.564	ng	95
8) 2-Chlorophenol	6.557	128	399841	49.679	ng	99
9) Benzaldehyde	6.316	77	225694	47.876	ng	98
10) Phenol	6.434	94	479705	48.303	ng	83
11) bis(2-Chloroethyl)ether	6.492	93	374571	49.668	ng	96
12) 1,3-Dichlorobenzene	6.692	146	424252	48.827	ng	98
13) 1,4-Dichlorobenzene	6.775	146	425958	47.979	ng	97
14) 1,2-Dichlorobenzene	6.922	146	399978	48.508	ng	98
15) Benzyl Alcohol	6.916	79	335933	49.150	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	502352	49.712	ng	80
17) 2-Methylphenol	7.034	107	320648	49.617	ng	97
18) Hexachloroethane	7.257	117	168652	50.586	ng	97
19) n-Nitroso-di-n-propyla...	7.175	70	287373	50.216	ng	98
20) 3+4-Methylphenols	7.192	107	414162	47.743	ng	97
22) Acetophenone	7.175	105	580434	49.192	ng	97
24) Nitrobenzene	7.345	77	429921	47.137	ng	94
25) Isophorone	7.586	82	752897	48.363	ng	99
26) 2-Nitrophenol	7.663	139	209586	46.718	ng	96
27) 2,4-Dimethylphenol	7.710	122	335441	52.137	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	455933	50.159	ng	99
29) 2,4-Dichlorophenol	7.916	162	318907	45.331	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	328131	44.212	ng	98
31) Naphthalene	8.063	128	1112717	43.952	ng	100
32) Benzoic acid	7.869	122	134529	46.919	ng	88
33) 4-Chloroaniline	8.122	127	231882	23.291	ng	97
34) Hexachlorobutadiene	8.169	225	207741	45.969	ng	99
35) Caprolactam	8.504	113	98356m	44.958	ng	
36) 4-Chloro-3-methylphenol	8.622	107	354112	46.657	ng	95
37) 2-Methylnaphthalene	8.751	142	732876	44.106	ng	99
38) 1-Methylnaphthalene	8.851	142	684779	42.405	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	317676	46.997	ng	99
41) Hexachlorocyclopentadiene	8.898	237	140868	69.949	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	197920	45.065	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	209834	44.409	ng		97
46) 1,1'-Biphenyl	9.216	154	875452	47.416	ng		99
47) 2-Chloronaphthalene	9.245	162	675077	46.211	ng		100
48) 2-Nitroaniline	9.351	65	224586	48.647	ng		94
49) Acenaphthylene	9.657	152	984733	44.452	ng		100
50) Dimethylphthalate	9.522	163	796260	45.704	ng		100
51) 2,6-Dinitrotoluene	9.592	165	174593	46.197	ng		92
52) Acenaphthene	9.827	154	603706	44.918	ng		99
53) 3-Nitroaniline	9.769	138	114953	27.504	ng		93
54) 2,4-Dinitrophenol	9.886	184	109958	65.422	ng		94
55) Dibenzofuran	9.998	168	896604	44.405	ng		93
56) 4-Nitrophenol	9.963	139	144930	77.946	ng		93
57) 2,4-Dinitrotoluene	10.004	165	221007	45.048	ng		97
58) Fluorene	10.345	166	706781	41.922	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	149738	43.183	ng	#	83
60) Diethylphthalate	10.216	149	776006	44.670	ng		98
61) 4-Chlorophenyl-phenyle...	10.333	204	337342	44.587	ng		99
62) 4-Nitroaniline	10.386	138	155893m	36.973	ng		
63) Azobenzene	10.492	77	730723	44.007	ng		98
65) 4,6-Dinitro-2-methylph...	10.416	198	84018	39.774	ng		90
66) n-Nitrosodiphenylamine	10.457	169	604860	49.804	ng		99
67) 4-Bromophenyl-phenylether	10.822	248	204305	48.477	ng		96
68) Hexachlorobenzene	10.892	284	214021	46.880	ng		96
69) Atrazine	10.986	200	191398	51.347	ng		96
70) Pentachlorophenol	11.098	266	102972m	75.555	ng		
71) Phenanthrene	11.310	178	886370	44.106	ng		99
72) Anthracene	11.363	178	896466	44.858	ng		99
73) Carbazole	11.521	167	796392	43.899	ng		99
74) Di-n-butylphthalate	11.833	149	1055241	45.196	ng		99
75) Fluoranthene	12.498	202	815816	39.672	ng		99
77) Benzidine	12.627	184	403552	69.534	ng		99
78) Pyrene	12.727	202	824149	37.574	ng		99
80) Butylbenzylphthalate	13.333	149	382880	41.253	ng		93
81) Benzo(a)anthracene	13.921	228	754116	43.432	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	227937	42.388	ng		99
83) Chrysene	13.957	228	713311	43.888	ng		99
84) Bis(2-ethylhexyl)phtha...	13.886	149	526765	47.839	ng		97
85) Di-n-octyl phthalate	14.498	149	908713	59.782	ng		99
87) Indeno(1,2,3-cd)pyrene	16.821	276	678708	37.939	ng		99
88) Benzo(b)fluoranthene	14.957	252	836552	46.883	ng		100
89) Benzo(k)fluoranthene	14.986	252	724804	42.356	ng		98
90) Benzo(a)pyrene	15.315	252	675529	48.075	ng		99
91) Dibenzo(a,h)anthracene	16.821	278	610282	41.345	ng		99
92) Benzo(g,h,i)perylene	17.250	276	558821	37.948	ng		98

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

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