Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
Data File : BF132791.D
Acq On : 14 Mar 2023 22:04
Operator : CG\JU
Sample : 01905-10MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAPLE-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 03:21:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	218809	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	806724	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	421862	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	723509	20.000	ng		0.00
76) Chrysene-d12	14.163	240	415752	20.000	ng		0.00
86) Perylene-d12	15.686	264	422664	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	1354922	100.499	ng		0.01
7) Phenol-d6	6.604	99	1741702	98.987	ng		0.00
23) Nitrobenzene-d5	7.534	82	1135152	66.760	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	438315	96.208	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1744663	62.972	ng		0.00
79) Terphenyl-d14	13.092	244	1605935	65.309	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	287934	38.609	ng		96
3) Pyridine	3.651	79	730355	36.895	ng		92
4) n-Nitrosodimethylamine	3.616	42	292110	39.066	ng		86
6) Aniline	6.634	93	799740	33.774	ng		94
8) 2-Chlorophenol	6.757	128	660452	47.200	ng		94
9) Benzaldehyde	6.522	77	294714	31.041	ng		93
10) Phenol	6.616	94	849484	42.111	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	695823	44.682	ng		96
12) 1,3-Dichlorobenzene	6.910	146	686169	45.696	ng		96
13) 1,4-Dichlorobenzene	6.987	146	680649	45.396	ng		98
14) 1,2-Dichlorobenzene	7.139	146	658426	45.757	ng		97
15) Benzyl Alcohol	7.110	79	589285	43.487	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	807425	40.659	ng		98
17) 2-Methylphenol	7.222	107	541331	41.453	ng		97
18) Hexachloroethane	7.475	117	264907	45.224	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	399059	36.852	ng		92
20) 3+4-Methylphenols	7.375	107	587438	34.819	ng		97
22) Acetophenone	7.381	105	799140	39.285	ng	#	87
24) Nitrobenzene	7.551	77	729184	40.098	ng		97
25) Isophorone	7.786	82	1339352	41.085	ng		99
26) 2-Nitrophenol	7.869	139	363951	45.360	ng		93
27) 2,4-Dimethylphenol	7.904	122	546827	43.181	ng		98
28) bis(2-Chloroethoxy)met...	7.992	93	818813	42.936	ng		100
29) 2,4-Dichlorophenol	8.110	162	550452	43.697	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	597894	43.710	ng		98
31) Naphthalene	8.275	128	1689743	40.915	ng		99
32) Benzoic acid	8.033	122	376398m	38.540	ng		
33) 4-Chloroaniline	8.322	127	294939	16.665	ng	#	92
34) Hexachlorobutadiene	8.381	225	372755	42.884	ng		100
35) Caprolactam	8.704	113	193654m	46.631	ng		
36) 4-Chloro-3-methylphenol	8.810	107	585415	42.317	ng		94
37) 2-Methylnaphthalene	8.963	142	1129537	40.133	ng		100
38) 1-Methylnaphthalene	9.063	142	1059569	40.284	ng		99
40) 1,2,4,5-Tetrachloroben...	9.133	216	610442	44.227	ng		99
41) Hexachlorocyclopentadiene	9.116	237	487422	65.109	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	406651	43.475	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	429595	39.350	ng		97
46) 1,1'-Biphenyl	9.428	154	1363250	42.695	ng		98
47) 2-Chloronaphthalene	9.457	162	1102848	43.564	ng		100
48) 2-Nitroaniline	9.557	65	359552	38.563	ng		88
49) Acenaphthylene	9.875	152	1662390	41.260	ng		100
50) Dimethylphthalate	9.727	163	1341535	43.674	ng		100
51) 2,6-Dinitrotoluene	9.798	165	306943	43.878	ng	#	84
52) Acenaphthene	10.045	154	1109836m	43.380	ng		
53) 3-Nitroaniline	9.969	138	233386	29.825	ng		98
54) 2,4-Dinitrophenol	10.080	184	245122	56.168	ng		89
55) Dibenzofuran	10.222	168	1496213	40.116	ng		98
56) 4-Nitrophenol	10.139	139	399773	68.503	ng	#	84
57) 2,4-Dinitrotoluene	10.204	165	385889	41.464	ng		95
58) Fluorene	10.563	166	1156597	40.541	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	334721	41.274	ng		97
60) Diethylphthalate	10.427	149	1245391	41.514	ng		100
61) 4-Chlorophenyl-phenyle...	10.551	204	622693	42.074	ng		92
62) 4-Nitroaniline	10.586	138	291213	37.912	ng		93
63) Azobenzene	10.710	77	1291546	40.651	ng		98
65) 4,6-Dinitro-2-methylph...	10.616	198	186768	38.133	ng		92
66) n-Nitrosodiphenylamine	10.669	169	1040403	46.126	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	389153	47.550	ng		97
68) Hexachlorobenzene	11.110	284	417047	48.429	ng	#	94
69) Atrazine	11.198	200	348124	49.437	ng		99
70) Pentachlorophenol	11.310	266	352159	68.734	ng		99
71) Phenanthrene	11.533	178	1671196	44.587	ng		99
72) Anthracene	11.580	178	1648993	42.723	ng		100
73) Carbazole	11.739	167	1418557	40.764	ng		99
74) Di-n-butylphthalate	12.051	149	1784108	43.707	ng		100
75) Fluoranthene	12.721	202	1764746	43.069	ng		100
77) Benzidine	12.845	184	522020	51.580	ng		99
78) Pyrene	12.957	202	1740288	46.040	ng		100
80) Butylbenzylphthalate	13.563	149	651894	43.703	ng		94
81) Benzo(a)anthracene	14.151	228	1458657	46.891	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	333538	36.368	ng		99
83) Chrysene	14.186	228	1357453	46.665	ng		99
84) Bis(2-ethylhexyl)phtha...	14.115	149	836015	45.624	ng		99
85) Di-n-octyl phthalate	14.733	149	1431152	53.447	ng		97
87) Indeno(1,2,3-cd)pyrene	17.268	276	1139363	41.140	ng		99
88) Benzo(b)fluoranthene	15.233	252	1490390	52.618	ng		97
89) Benzo(k)fluoranthene	15.268	252	1253795	45.229	ng		99
90) Benzo(a)pyrene	15.627	252	1204346	45.430	ng		99
91) Dibenzo(a,h)anthracene	17.280	278	919650	40.756	ng		99
92) Benzo(g,h,i)perylene	17.745	276	902592	35.819	ng		99

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

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