Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134068.D
Acq On : 01 Jul 2023 00:22
Operator : CG\JU
Sample : 03471-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jul 01 04:35:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108654	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	410744	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	198188	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	321680	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201788	20.000	ng	0.00
86) Perylene-d12	15.545	264	192019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	754626	116.177	ng	0.00
7) Phenol-d6	6.493	99	910549	113.988	ng	0.00
23) Nitrobenzene-d5	7.416	82	633653	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	256414	103.190	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1151944	84.506	ng	0.00
79) Terphenyl-d14	12.975	244	908889	72.491	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	102331	38.208	ng	96
3) Pyridine	3.475	79	278932	39.983	ng	98
4) n-Nitrosodimethylamine	3.440	42	197576	49.588	ng	98
6) Aniline	6.516	93	424399	43.660	ng	96
8) 2-Chlorophenol	6.634	128	349534	53.010	ng	99
9) Benzaldehyde	6.404	77	245593	67.705	ng	97
10) Phenol	6.504	94	409582	48.766	ng	87
11) bis(2-Chloroethyl)ether	6.587	93	306858	49.626	ng	98
12) 1,3-Dichlorobenzene	6.787	146	363160	51.661	ng	98
13) 1,4-Dichlorobenzene	6.863	146	365209	51.436	ng	99
14) 1,2-Dichlorobenzene	7.016	146	349550	52.566	ng	99
15) Benzyl Alcohol	6.993	79	321019	52.129	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	548094	50.103	ng	98
17) 2-Methylphenol	7.104	107	282991	47.928	ng	97
18) Hexachloroethane	7.357	117	138217	52.500	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	247074	48.773	ng	97
20) 3+4-Methylphenols	7.257	107	339023	47.329	ng	92
22) Acetophenone	7.257	105	470923	50.413	ng	95
24) Nitrobenzene	7.434	77	383875	49.854	ng	94
25) Isophorone	7.669	82	687266	49.628	ng	99
26) 2-Nitrophenol	7.745	139	190321	51.525	ng	97
27) 2,4-Dimethylphenol	7.787	122	303550	51.916	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	395620	49.338	ng	99
29) 2,4-Dichlorophenol	7.987	162	291936	50.352	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	305786	51.113	ng	98
31) Naphthalene	8.151	128	958318	48.302	ng	100
32) Benzoic acid	7.904	122	185413m	42.319	ng	
33) 4-Chloroaniline	8.198	127	216999	25.569	ng	99
34) Hexachlorobutadiene	8.263	225	196367	52.034	ng	98
35) Caprolactam	8.587	113	95149m	49.841	ng	
36) 4-Chloro-3-methylphenol	8.687	107	327388	50.264	ng	98
37) 2-Methylnaphthalene	8.845	142	658739	46.952	ng	99
38) 1-Methylnaphthalene	8.945	142	607600	46.584	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	309838	52.769	ng	99
41) Hexachlorocyclopentadiene	8.992	237	198832	71.378	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	208034	52.047	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	223764	47.592	ng	93
46) 1,1'-Biphenyl	9.310	154	815051	51.268	ng	99
47) 2-Chloronaphthalene	9.334	162	607626	52.238	ng	98
48) 2-Nitroaniline	9.434	65	212453	50.116	ng	98
49) Acenaphthylene	9.751	152	988990	49.772	ng	99
50) Dimethylphthalate	9.616	163	732821	50.938	ng	99
51) 2,6-Dinitrotoluene	9.681	165	159939	51.616	ng	95
52) Acenaphthene	9.922	154	579822	50.289	ng	99
53) 3-Nitroaniline	9.845	138	140253	37.730	ng	99
54) 2,4-Dinitrophenol	9.957	184	67047	39.522	ng	95
55) Dibenzofuran	10.098	168	853351	47.358	ng	100
56) 4-Nitrophenol	10.016	139	216826	83.388	ng	94
57) 2,4-Dinitrotoluene	10.086	165	197789	48.334	ng	93
58) Fluorene	10.439	166	673606	48.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	168242	45.365	ng	99
60) Diethylphthalate	10.316	149	750619	50.080	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	328575	48.635	ng	94
62) 4-Nitroaniline	10.463	138	144309	38.521	ng	95
63) Azobenzene	10.592	77	719757	50.766	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	54911	31.310	ng	80
66) n-Nitrosodiphenylamine	10.551	169	590106	57.416	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	196444	57.455	ng	94
68) Hexachlorobenzene	10.986	284	205671	56.655	ng	95
69) Atrazine	11.081	200	183037	64.384	ng	98
70) Pentachlorophenol	11.186	266	179467	82.681	ng	99
71) Phenanthrene	11.410	178	1064816	65.754	ng	99
72) Anthracene	11.457	178	872708	51.813	ng	99
73) Carbazole	11.616	167	748542	48.553	ng	99
74) Di-n-butylphthalate	11.945	149	1009307	55.052	ng	98
75) Fluoranthene	12.604	202	1156700	66.070	ng	99
77) Benzidine	12.727	184	342377	71.308	ng	99
78) Pyrene	12.833	202	1151482	61.317	ng	100
80) Butylbenzylphthalate	13.457	149	342569	48.639	ng	96
81) Benzo(a)anthracene	14.033	228	892791	63.796	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	231853	52.293	ng	98
83) Chrysene	14.074	228	839464	61.933	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	479617	59.264	ng	99
85) Di-n-octyl phthalate	14.639	149	842932	70.886	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	598411	44.912	ng	98
88) Benzo(b)fluoranthene	15.104	252	882024	78.118	ng	100
89) Benzo(k)fluoranthene	15.139	252	699378	60.837	ng	98
90) Benzo(a)pyrene	15.486	252	676355	61.948	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	441453	40.563	ng	99
92) Benzo(g,h,i)perylene	17.568	276	469861	41.866	ng	99

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

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