Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036162.D
Acq On : 09 Aug 2022 02:09
Operator : CG/JU
Sample : N3962-20MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-205MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 02:51:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	247635	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	994120	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	556438	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1096828	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1042170	20.000	ng		0.00
86) Perylene-d12	23.774	264	1151657	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2089005	136.767	ng		0.00
7) Phenol-d6	7.057	99	2600223	133.788	ng		0.00
23) Nitrobenzene-d5	9.016	82	1566657	88.215	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	937402	143.603	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3404047	90.324	ng		0.00
79) Terphenyl-d14	19.856	244	4762191	90.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	284306	46.192	ng		93
3) Pyridine	3.687	79	779274	47.216	ng		89
4) n-Nitrosodimethylamine	3.599	42	373431	55.060	ng	#	64
6) Aniline	7.181	93	975894	45.343	ng		94
8) 2-Chlorophenol	7.422	128	990743	60.836	ng		95
9) Benzaldehyde	6.987	77	587761	57.124	ng		93
10) Phenol	7.087	94	1185503	60.580	ng		91
11) bis(2-Chloroethyl)ether	7.275	93	924346	57.339	ng		95
12) 1,3-Dichlorobenzene	7.734	146	1046511	57.990	ng		97
13) 1,4-Dichlorobenzene	7.881	146	1073223	58.315	ng		99
14) 1,2-Dichlorobenzene	8.198	146	1030638	58.039	ng		98
15) Benzyl Alcohol	8.104	79	786102m	60.274	ng		
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1204827	56.206	ng		96
17) 2-Methylphenol	8.328	107	783879	60.512	ng		96
18) Hexachloroethane	8.922	117	376391	56.813	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	657960	55.734	ng		88
20) 3+4-Methylphenols	8.657	107	1035353	58.828	ng		94
22) Acetophenone	8.681	105	1393131	59.200	ng	#	92
24) Nitrobenzene	9.063	77	1002877	60.069	ng		95
25) Isophorone	9.586	82	1825962	63.202	ng		98
26) 2-Nitrophenol	9.769	139	520551	66.105	ng		92
27) 2,4-Dimethylphenol	9.851	122	863517	70.789	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1150323	55.886	ng		99
29) 2,4-Dichlorophenol	10.316	162	857455	62.505	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	896027	57.638	ng		97
31) Naphthalene	10.698	128	2925020	59.181	ng		99
32) Benzoic acid	10.039	122	714293	73.869	ng		93
33) 4-Chloroaniline	10.827	127	709037	35.596	ng		96
34) Hexachlorobutadiene	10.975	225	538702	58.971	ng		98
35) Caprolactam	11.639	113	262553	62.136	ng		91
36) 4-Chloro-3-methylphenol	11.980	107	866262	60.078	ng		99
37) 2-Methylnaphthalene	12.310	142	1975006	60.049	ng		98
38) 1-Methylnaphthalene	12.533	142	1861496	57.794	ng		98
40) 1,2,4,5-Tetrachloroben...	12.680	216	946902	62.768	ng		98
41) Hexachlorocyclopentadiene	12.651	237	461944	57.817	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	648994	63.223	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	692798	63.935	ng		98
46) 1,1'-Biphenyl	13.327	154	2474522	61.021	ng		99
47) 2-Chloronaphthalene	13.368	162	1886635	60.788	ng		99
48) 2-Nitroaniline	13.586	65	552669	65.342	ng		91
49) Acenaphthylene	14.210	152	2993616	62.398	ng		99
50) Dimethylphthalate	13.957	163	2194054	57.982	ng		99
51) 2,6-Dinitrotoluene	14.080	165	494220	65.096	ng		88
52) Acenaphthene	14.551	154	2065325m	65.809	ng		
53) 3-Nitroaniline	14.416	138	505039	57.015	ng		94
54) 2,4-Dinitrophenol	14.615	184	394176	98.111	ng		90
55) Dibenzofuran	14.886	168	2787578	59.314	ng		98
56) 4-Nitrophenol	14.763	139	966895	136.403	ng		86
57) 2,4-Dinitrotoluene	14.863	165	665948	66.921	ng		98
58) Fluorene	15.533	166	2234467	60.274	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	569721	62.067	ng		96
60) Diethylphthalate	15.315	149	2222775	57.161	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	1047418	56.662	ng		96
62) 4-Nitroaniline	15.580	138	566486m	62.165	ng		
63) Azobenzene	15.821	77	2104976	56.941	ng		94
65) 4,6-Dinitro-2-methylph...	15.627	198	244780	43.647	ng		93
66) n-Nitrosodiphenylamine	15.751	169	1845121	59.591	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	646391	58.917	ng		97
68) Hexachlorobenzene	16.533	284	766294	60.874	ng		91
69) Atrazine	16.709	200	630069	72.724	ng		97
70) Pentachlorophenol	16.886	266	963195	130.648	ng		98
71) Phenanthrene	17.274	178	4669724	83.568	ng		99
72) Anthracene	17.362	178	3606363	66.662	ng		99
73) Carbazole	17.645	167	3474513	63.387	ng		99
74) Di-n-butylphthalate	18.203	149	3868717	59.124	ng		99
75) Fluoranthene	19.292	202	8457052	135.204	ng		98
77) Benzidine	19.486	184	1464696	93.714	ng		99
78) Pyrene	19.656	202	8732577	135.127	ng		97
80) Butylbenzylphthalate	20.550	149	1766051	63.317	ng		100
81) Benzo(a)anthracene	21.403	228	7639145	119.006	ng		97
82) 3,3'-Dichlorobenzidine	21.339	252	1360779	87.303	ng		100
83) Chrysene	21.456	228	7539303	123.555	ng		97
84) Bis(2-ethylhexyl)phtha...	21.327	149	2575596	61.207	ng		99
85) Di-n-octyl phthalate	22.239	149	4343171	63.242	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.250	276	7932267	98.011	ng		99
88) Benzo(b)fluoranthene	23.068	252	10667696	158.099	ng		98
89) Benzo(k)fluoranthene	23.109	252	6116642	89.753	ng		97
90) Benzo(a)pyrene	23.680	252	8468989	149.594	ng		98
91) Dibenzo(a,h)anthracene	26.256	278	4858579	71.719	ng		99
92) Benzo(g,h,i)perylene	27.009	276	7503869	114.417	ng		99

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

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