Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
Data File : BM041382.D
Acq On : 11 Aug 2023 11:53
Operator : MA/JU
Sample : 03862-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 17:59:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	128771	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	552845	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	378718	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	882497	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	945526	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1124341	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1011951	117.453	ng		0.00
7) Phenol-d6	6.963	99	1315402	117.781	ng		0.00
23) Nitrobenzene-d5	8.951	82	824298	69.339	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	684373	127.759	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	1950509	65.061	ng		0.00
79) Terphenyl-d14	19.845	244	3683294	70.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	135122	36.661	ng		95
3) Pyridine	3.652	79	341932	35.283	ng		97
4) n-Nitrosodimethylamine	3.569	42	192308	42.906	ng		95
6) Aniline	7.110	93	493117	37.729	ng		99
8) 2-Chlorophenol	7.340	128	458556	54.518	ng		99
9) Benzaldehyde	6.928	77	243543m	41.328	ng		
10) Phenol	6.987	94	597485	55.391	ng		96
11) bis(2-Chloroethyl)ether	7.210	93	428634	49.091	ng		97
12) 1,3-Dichlorobenzene	7.657	146	459343	50.170	ng		99
13) 1,4-Dichlorobenzene	7.810	146	471065	51.188	ng		98
14) 1,2-Dichlorobenzene	8.122	146	457713	51.873	ng		98
15) Benzyl Alcohol	8.034	79	430518m	61.042	ng		
16) 2,2'-oxybis(1-Chloropr...	8.316	45	508188	43.683	ng		94
17) 2-Methylphenol	8.240	107	396143	53.755	ng		97
18) Hexachloroethane	8.840	117	176021	51.377	ng		88
19) n-Nitroso-di-n-propyla...	8.598	70	378529	55.802	ng		97
20) 3+4-Methylphenols	8.569	107	548764	55.693	ng		98
22) Acetophenone	8.616	105	694921	47.462	ng	#	99
24) Nitrobenzene	8.998	77	549805	45.733	ng		100
25) Isophorone	9.522	82	1034390	51.258	ng		99
26) 2-Nitrophenol	9.704	139	253838	54.012	ng		96
27) 2,4-Dimethylphenol	9.769	122	406163	49.113	ng		98
28) bis(2-Chloroethoxy)met...	10.004	93	603248	47.722	ng		99
29) 2,4-Dichlorophenol	10.240	162	476758	57.167	ng		98
30) 1,2,4-Trichlorobenzene	10.445	180	482828	52.401	ng		99
31) Naphthalene	10.634	128	1385491	46.182	ng		99
32) Benzoic acid	9.957	122	340113	53.751	ng		97
33) 4-Chloroaniline	10.763	127	313787	26.172	ng		99
34) Hexachlorobutadiene	10.898	225	307145	55.424	ng		99
35) Caprolactam	11.592	113	152666	63.280	ng	#	86
36) 4-Chloro-3-methylphenol	11.904	107	510647	58.175	ng		97
37) 2-Methylnaphthalene	12.251	142	983563	48.629	ng		99
38) 1-Methylnaphthalene	12.469	142	956833	50.545	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	576145	46.851	ng	#	98
41) Hexachlorocyclopentadiene	12.586	237	516082	79.325	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	414785	52.625	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	463489	50.806	ng		97
46) 1,1'-Biphenyl	13.275	154	1362574	44.380	ng		98
47) 2-Chloronaphthalene	13.316	162	1077708	47.011	ng		98
48) 2-Nitroaniline	13.545	65	347115	47.436	ng		96
49) Acenaphthylene	14.163	152	1763088	47.649	ng		100
50) Dimethylphthalate	13.916	163	1426196	50.063	ng		100
51) 2,6-Dinitrotoluene	14.045	165	311935	52.846	ng		98
52) Acenaphthene	14.510	154	1006861	45.169	ng		97
53) 3-Nitroaniline	14.380	138	260571	38.677	ng		97
54) 2,4-Dinitrophenol	14.598	184	432103	106.331	ng		90
55) Dibenzofuran	14.845	168	1711787	47.068	ng		99
56) 4-Nitrophenol	14.704	139	494855	100.592	ng		94
57) 2,4-Dinitrotoluene	14.839	165	443775	52.388	ng		95
58) Fluorene	15.498	166	1406384	49.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	420485	56.920	ng		95
60) Diethylphthalate	15.280	149	1451012	52.670	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	741022	51.541	ng		98
62) 4-Nitroaniline	15.551	138	283418	45.276	ng		93
63) Azobenzene	15.786	77	1436061	47.588	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	278653	52.122	ng		86
66) n-Nitrosodiphenylamine	15.716	169	1205453	43.920	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	467449	48.311	ng		99
68) Hexachlorobenzene	16.504	284	552322	51.335	ng		95
69) Atrazine	16.680	200	478594	66.400	ng		99
70) Pentachlorophenol	16.857	266	649962	87.240	ng		99
71) Phenanthrene	17.251	178	2235707	45.597	ng		99
72) Anthracene	17.339	178	2272332	46.858	ng		100
73) Carbazole	17.621	167	2085218	47.508	ng		100
74) Di-n-butylphthalate	18.180	149	2667606	53.785	ng		100
75) Fluoranthene	19.274	202	2824967	51.282	ng		99
77) Benzidine	19.474	184	1153499	89.506	ng		99
78) Pyrene	19.639	202	2967557	44.880	ng		100
80) Butylbenzylphthalate	20.545	149	1315515	54.480	ng		96
81) Benzo(a)anthracene	21.398	228	3162164	49.332	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	946806	45.267	ng		99
83) Chrysene	21.451	228	2929213	47.246	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1973433	51.280	ng		98
85) Di-n-octyl phthalate	22.233	149	3522432	57.720	ng		95
87) Indeno(1,2,3-cd)pyrene	26.227	276	3963885	47.952	ng	#	95
88) Benzo(b)fluoranthene	23.062	252	3416292	51.148	ng	#	98
89) Benzo(k)fluoranthene	23.109	252	3207145	46.941	ng		98
90) Benzo(a)pyrene	23.674	252	2988165	46.560	ng	#	97
91) Dibenzo(a,h)anthracene	26.238	278	3353700	48.641	ng	#	96
92) Benzo(g,h,i)perylene	26.980	276	3043744	45.116	ng	#	95

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

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