Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033256.D
Acq On : 24 Nov 2021 20:35
Operator : CG/JU
Sample : M4812-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SETTLING-TANK-01MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 04:10:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	130687	20.000	ng		0.00
21) Naphthalene-d8	10.736	136	499081	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	288988	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	564280	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	580338	20.000	ng		0.00
86) Perylene-d12	23.788	264	619868	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.519	112	1026033	129.651	ng		0.01
7) Phenol-d6	7.107	99	1271650	119.980	ng		0.01
23) Nitrobenzene-d5	9.101	82	988715	91.968	ng		0.00
42) 2,4,6-Tribromophenol	16.048	330	431797	137.068	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1931018	94.236	ng		0.00
79) Terphenyl-d14	19.906	244	2562671	87.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.437	88	136538	40.468	ng	#	29
3) Pyridine	3.837	79	290528	33.899	ng	#	79
4) n-Nitrosodimethylamine	3.743	42	212209	48.752	ng	#	65
6) Aniline	7.272	93	215544	18.060	ng		96
8) 2-Chlorophenol	7.507	128	421194	51.117	ng		100
9) Benzaldehyde	7.084	77	253843	41.768	ng		95
10) Phenol	7.131	94	508131	47.405	ng		90
11) bis(2-Chloroethyl)ether	7.360	93	434631	52.998	ng		99
12) 1,3-Dichlorobenzene	7.825	146	456898	47.193	ng		95
13) 1,4-Dichlorobenzene	7.978	146	468717	47.325	ng		98
14) 1,2-Dichlorobenzene	8.289	146	451813	47.764	ng		97
15) Benzyl Alcohol	8.178	79	428135	51.905	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.466	45	716264	49.278	ng		95
17) 2-Methylphenol	8.384	107	357956	50.589	ng		94
18) Hexachloroethane	9.019	117	176557	49.098	ng		93
19) n-Nitroso-di-n-propyla...	8.742	70	361231	51.259	ng		93
20) 3+4-Methylphenols	8.707	107	474544	49.513	ng		96
22) Acetophenone	8.766	105	646506	50.334	ng	#	93
24) Nitrobenzene	9.142	77	536450	51.797	ng		97
25) Isophorone	9.666	82	894179	53.185	ng		99
26) 2-Nitrophenol	9.848	139	220218	57.006	ng	#	84
27) 2,4-Dimethylphenol	9.907	122	384260	58.245	ng		99
28) bis(2-Chloroethoxy)met...	10.142	93	552185	50.413	ng		99
29) 2,4-Dichlorophenol	10.383	162	385925	51.641	ng		98
30) 1,2,4-Trichlorobenzene	10.595	180	433706	48.895	ng		98
31) Naphthalene	10.789	128	1308693	49.710	ng		99
32) Benzoic acid	10.001	122	60092	17.731	ng		92
33) 4-Chloroaniline	10.907	127	45913	4.535	ng		96
34) Hexachlorobutadiene	11.066	225	257068	46.883	ng		97
35) Caprolactam	11.695	113	102266m	71.491	ng		
36) 4-Chloro-3-methylphenol	12.019	107	417255	49.112	ng		99
37) 2-Methylnaphthalene	12.389	142	924027	51.555	ng		95
38) 1-Methylnaphthalene	12.607	142	845624	48.360	ng		99
40) 1,2,4,5-Tetrachloroben...	12.754	216	447457	51.589	ng		97
41) Hexachlorocyclopentadiene	12.730	237	451618	104.877	ng		97
43) 2,4,6-Trichlorophenol	12.995	196	299393	54.034	ng		95

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44) 2,4,5-Trichlorophenol	13.071	196	316944	52.212	ng		94
46) 1,1'-Biphenyl	13.395	154	1116070	51.364	ng		99
47) 2-Chloronaphthalene	13.442	162	867866	52.273	ng		97
48) 2-Nitroaniline	13.648	65	291258	54.274	ng		91
49) Acenaphthylene	14.283	152	1390574	53.629	ng		99
50) Dimethylphthalate	14.018	163	1057023	51.464	ng		100
51) 2,6-Dinitrotoluene	14.136	165	224415	54.579	ng	#	75
52) Acenaphthene	14.624	154	823138	51.663	ng		97
53) 3-Nitroaniline	14.471	138	102139	23.311	ng		98
54) 2,4-Dinitrophenol	14.671	184	61760	28.586	ng	#	73
55) Dibenzofuran	14.960	168	1291713	48.755	ng		92
56) 4-Nitrophenol	14.777	139	374788	106.726	ng	#	80
57) 2,4-Dinitrotoluene	14.918	165	306578	56.918	ng	#	70
58) Fluorene	15.607	166	1031888	49.740	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.183	232	290379	54.678	ng	#	82
60) Diethylphthalate	15.377	149	1027479	50.421	ng		96
61) 4-Chlorophenyl-phenyle...	15.595	204	516412	48.815	ng		91
62) 4-Nitroaniline	15.630	138	221054	48.651	ng	#	78
63) Azobenzene	15.889	77	1137918	50.442	ng		89
65) 4,6-Dinitro-2-methylph...	15.677	198	66998	22.923	ng		90
66) n-Nitrosodiphenylamine	15.812	169	893560	53.976	ng		97
67) 4-Bromophenyl-phenylether	16.489	248	309549	52.477	ng	#	90
68) Hexachlorobenzene	16.601	284	335108	51.758	ng	#	83
69) Atrazine	16.759	200	314475	90.925	ng		97
70) Pentachlorophenol	16.948	266	343651	90.076	ng		98
71) Phenanthrene	17.342	178	1586664	51.155	ng		99
72) Anthracene	17.430	178	1612490	53.889	ng		99
73) Carbazole	17.701	167	1483095	49.821	ng		97
74) Di-n-butylphthalate	18.253	149	1744012	56.399	ng		98
75) Fluoranthene	19.342	202	1811909	50.834	ng		98
77) Benzidine	19.530	184	820773	125.791	ng		99
78) Pyrene	19.706	202	1879658	49.203	ng		100
80) Butylbenzylphthalate	20.595	149	823357	57.620	ng		96
81) Benzo(a)anthracene	21.442	228	1845139	49.535	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	396513	23.568	ng		99
83) Chrysene	21.494	228	1813738	49.987	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	1218534	60.556	ng	#	94
85) Di-n-octyl phthalate	22.265	149	2197977	64.327	ng		97
87) Indeno(1,2,3-cd)pyrene	26.176	276	2263535	53.185	ng		98
88) Benzo(b)fluoranthene	23.083	252	2009579	53.378	ng		99
89) Benzo(k)fluoranthene	23.130	252	1892593	50.101	ng		98
90) Benzo(a)pyrene	23.688	252	1933792	61.329	ng		99
91) Dibenzo(a,h)anthracene	26.194	278	1963319	55.094	ng		97
92) Benzo(g,h,i)perylene	26.918	276	1933660	54.400	ng		96

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

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