Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046354.D
Acq On : 28 Jun 2024 16:03
Operator : MA/JU
Sample : P3047-01MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-062424MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 16:39:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 03:23:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	148223	20.000	ng		0.00
21) Naphthalene-d8	10.133	136	603309	20.000	ng		0.00
39) Acenaphthene-d10	14.015	164	333080	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	574086	20.000	ng		0.00
76) Chrysene-d12	20.991	240	386657	20.000	ng		0.00
86) Perylene-d12	23.662	264	464225	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.051	112	80233	8.701	ng		0.00
7) Phenol-d6	6.639	99	103176	7.876	ng		0.00
23) Nitrobenzene-d5	8.539	82	73489	5.050	ng		0.00
42) 2,4,6-Tribromophenol	15.527	330	26835	6.625	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	140583	5.721	ng		0.00
79) Terphenyl-d14	19.421	244	133509	5.713	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	14664	4.124	ng	#	90
3) Pyridine	3.446	79	34250	3.447	ng		94
4) n-Nitrosodimethylamine	3.351	42	32240	4.190	ng	#	95
6) Aniline	6.751	93	36919	3.103	ng		95
8) 2-Chlorophenol	6.969	128	50922	4.957	ng		98
9) Benzaldehyde	6.563	77	13745m	1.792	ng		
10) Phenol	6.663	94	63434	4.893	ng		97
11) bis(2-Chloroethyl)ether	6.839	93	51407	4.883	ng		96
12) 1,3-Dichlorobenzene	7.263	146	54346	4.771	ng		99
13) 1,4-Dichlorobenzene	7.404	146	56426	4.814	ng		96
14) 1,2-Dichlorobenzene	7.722	146	54761	4.739	ng		99
15) Benzyl Alcohol	7.669	79	42957	3.989	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.910	45	93097	5.197	ng		94
17) 2-Methylphenol	7.875	107	42342	4.684	ng		94
18) Hexachloroethane	8.428	117	22971	4.351	ng		98
19) n-Nitroso-di-n-propyla...	8.210	70	42750	4.299	ng		96
20) 3+4-Methylphenols	8.216	107	57952	4.421	ng	#	90
22) Acetophenone	8.222	105	71078	4.218	ng		93
24) Nitrobenzene	8.586	77	62645	4.382	ng		97
25) Isophorone	9.110	82	115897	4.696	ng		99
26) 2-Nitrophenol	9.286	139	22750	4.446	ng		100
27) 2,4-Dimethylphenol	9.392	122	32951	5.137	ng		92
28) bis(2-Chloroethoxy)met...	9.604	93	63040	4.624	ng		98
29) 2,4-Dichlorophenol	9.845	162	40291	4.651	ng		95
30) 1,2,4-Trichlorobenzene	9.998	180	48301	4.924	ng		98
31) Naphthalene	10.180	128	187358	5.667	ng		99
32) Benzoic acid	9.533	122	18061	4.888	ng		94
33) 4-Chloroaniline	10.369	127	35315	3.049	ng		95
34) Hexachlorobutadiene	10.469	225	28749	4.754	ng		99
35) Caprolactam	11.192	113	10386	3.273	ng	#	88
36) 4-Chloro-3-methylphenol	11.504	107	45570	4.228	ng		96
37) 2-Methylnaphthalene	11.804	142	135605	6.081	ng		96
38) 1-Methylnaphthalene	12.027	142	118373	5.369	ng		98
40) 1,2,4,5-Tetrachloroben...	12.186	216	43861	4.936	ng		98
41) Hexachlorocyclopentadiene	12.163	237	7708	2.214	ng		98
43) 2,4,6-Trichlorophenol	12.463	196	29342	4.972	ng		93

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44) 2,4,5-Trichlorophenol	12.551	196	30207	4.442	ng		96
46) 1,1'-Biphenyl	12.851	154	123733	4.962	ng		98
47) 2-Chloronaphthalene	12.880	162	95805	4.950	ng		98
48) 2-Nitroaniline	13.145	65	35427	4.610	ng		96
49) Acenaphthylene	13.739	152	198397	6.648	ng		99
50) Dimethylphthalate	13.521	163	120520	4.950	ng		99
51) 2,6-Dinitrotoluene	13.633	165	22936	4.230	ng		95
52) Acenaphthene	14.086	154	97847	5.275	ng		98
53) 3-Nitroaniline	13.992	138	17163	3.133	ng	#	98
54) 2,4-Dinitrophenol	14.198	184	3354	5.724	ng		93
55) Dibenzofuran	14.427	168	149224	5.021	ng		96
56) 4-Nitrophenol	14.374	139	17223	7.268	ng		91
57) 2,4-Dinitrotoluene	14.439	165	29013	3.697	ng		89
58) Fluorene	15.080	166	143245	5.634	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	25924m	4.523	ng		
60) Diethylphthalate	14.892	149	124011	4.630	ng		99
61) 4-Chlorophenyl-phenyle...	15.086	204	51667	4.366	ng		95
62) 4-Nitroaniline	15.168	138	17055m	3.172	ng		
63) Azobenzene	15.380	77	146815	4.600	ng		97
65) 4,6-Dinitro-2-methylph...	15.204	198	3325	4.743	ng		82
66) n-Nitrosodiphenylamine	15.310	169	91428	5.483	ng		96
67) 4-Bromophenyl-phenylether	15.974	248	30525	5.207	ng		97
68) Hexachlorobenzene	16.080	284	33563	4.850	ng		93
69) Atrazine	16.280	200	28484	6.180	ng		99
70) Pentachlorophenol	16.451	266	31996	7.350	ng		95
71) Phenanthrene	16.815	178	338033	11.065	ng		99
72) Anthracene	16.909	178	194421	6.543	ng		98
73) Carbazole	17.203	167	137001	4.682	ng		97
74) Di-n-butylphthalate	17.768	149	198193	5.042	ng		100
75) Fluoranthene	18.839	202	296063	8.201	ng		98
77) Benzidine	19.080	184	9601m	2.393	ng		
78) Pyrene	19.203	202	377302	14.048	ng		98
80) Butylbenzylphthalate	20.139	149	72031	5.700	ng		100
81) Benzo(a)anthracene	20.974	228	222311	8.765	ng		98
82) 3,3'-Dichlorobenzidine	20.927	252	32161	3.953	ng	#	98
83) Chrysene	21.033	228	219115	9.033	ng		98
84) Bis(2-ethylhexyl)phtha...	20.921	149	113772	7.441	ng		96
85) Di-n-octyl phthalate	21.933	149	168075	5.261	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.603	276	209550	7.038	ng		98
88) Benzo(b)fluoranthene	22.827	252	201069	7.313	ng	#	94
89) Benzo(k)fluoranthene	22.880	252	172205	6.296	ng		98
90) Benzo(a)pyrene	23.538	252	197522	8.179	ng		97
91) Dibenzo(a,h)anthracene	26.638	278	143150	5.758	ng		98
92) Benzo(g,h,i)perylene	27.520	276	182865	7.426	ng		98

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

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