Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
Data File : BM042559.D
Acq On : 02 Nov 2023 13:49
Operator : MA/JU
Sample : 05164-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETGI-352MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 22:39:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

11/03/2023
Supervised By :mohammad ahmed

11/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	58811	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	216623	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	121460	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	253043	20.000	ng		0.00
76) Chrysene-d12	21.509	240	246749	20.000	ng		0.00
86) Perylene-d12	23.933	264	285343	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	425649	116.806	ng		0.00
7) Phenol-d6	7.093	99	510595	102.166	ng		0.00
23) Nitrobenzene-d5	9.128	82	489042	105.240	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	225470	142.184	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	942587	104.425	ng		0.00
79) Terphenyl-d14	19.939	244	1566971	107.679	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	64179	36.955	ng	#	84
3) Pyridine	3.746	79	156005	31.315	ng		98
4) n-Nitrosodimethylamine	3.669	42	117519	49.018	ng		84
6) Aniline	7.263	93	106959	16.837	ng		95
8) 2-Chlorophenol	7.481	128	142723	36.323	ng		99
9) Benzaldehyde	7.087	77	36823	12.784	ng		97
10) Phenol	7.116	94	170050	33.503	ng		94
11) bis(2-Chloroethyl)ether	7.363	93	178382	41.542	ng		99
12) 1,3-Dichlorobenzene	7.798	146	181528	42.746	ng		96
13) 1,4-Dichlorobenzene	7.957	146	186557	43.407	ng		98
14) 1,2-Dichlorobenzene	8.269	146	178105	42.923	ng		97
15) Benzyl Alcohol	8.187	79	167495m	47.339	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	280787	41.091	ng		99
17) 2-Methylphenol	8.375	107	124023	34.509	ng		96
18) Hexachloroethane	8.981	117	75819	45.086	ng		97
19) n-Nitroso-di-n-propyla...	8.740	70	151273	42.788	ng		94
20) 3+4-Methylphenols	8.710	107	160418	33.386	ng		96
22) Acetophenone	8.775	105	267637	48.988	ng	#	97
24) Nitrobenzene	9.169	77	224454	49.040	ng		98
25) Isophorone	9.675	82	393765	47.874	ng		98
26) 2-Nitrophenol	9.869	139	74656	39.064	ng		96
27) 2,4-Dimethylphenol	9.910	122	119493	37.976	ng		94
28) bis(2-Chloroethoxy)met...	10.163	93	226732	45.757	ng		100
29) 2,4-Dichlorophenol	10.392	162	132588	42.587	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	172057	50.427	ng		99
31) Naphthalene	10.792	128	506711	45.275	ng		99
32) Benzoic acid	10.028	122	27423	13.909	ng		89
33) 4-Chloroaniline	10.939	127	33054	7.574	ng		97
34) Hexachlorobutadiene	11.016	225	109832	53.019	ng		99
35) Caprolactam	11.769	113	41152	37.620	ng		98
36) 4-Chloro-3-methylphenol	12.045	107	141358	39.896	ng		99
37) 2-Methylnaphthalene	12.398	142	332976	42.245	ng		97
38) 1-Methylnaphthalene	12.622	142	325042	43.812	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	194713	53.661	ng		99
41) Hexachlorocyclopentadiene	12.692	237	190078	86.817	ng		100
43) 2,4,6-Trichlorophenol	13.010	196	104630	45.019	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	115903	41.908	ng		98
46) 1,1'-Biphenyl	13.410	154	451062	48.582	ng		99
47) 2-Chloronaphthalene	13.457	162	340263	49.956	ng		99
48) 2-Nitroaniline	13.698	65	129397	47.182	ng		99
49) Acenaphthylene	14.304	152	563363	49.941	ng		99
50) Dimethylphthalate	14.039	163	425188	46.837	ng		100
51) 2,6-Dinitrotoluene	14.186	165	89510	47.842	ng		92
52) Acenaphthene	14.639	154	318394	46.507	ng		100
53) 3-Nitroaniline	14.527	138	49641	25.867	ng		98
54) 2,4-Dinitrophenol	14.739	184	31127	28.923	ng		92
55) Dibenzofuran	14.974	168	534036	47.977	ng		99
56) 4-Nitrophenol	14.827	139	113522	67.923	ng		91
57) 2,4-Dinitrotoluene	14.974	165	127098	45.091	ng		99
58) Fluorene	15.621	166	430857	47.840	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	102587	44.039	ng		98
60) Diethylphthalate	15.386	149	431283	46.894	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	224893	49.428	ng		99
62) 4-Nitroaniline	15.692	138	76201	41.540	ng		87
63) Azobenzene	15.904	77	500870	49.421	ng		96
65) 4,6-Dinitro-2-methylph...	15.721	198	33355	23.847	ng		95
66) n-Nitrosodiphenylamine	15.839	169	354136	49.634	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	133031	52.576	ng		98
68) Hexachlorobenzene	16.592	284	154229	55.097	ng		99
69) Atrazine	16.786	200	135140	65.550	ng		99
70) Pentachlorophenol	16.957	266	172183	83.668	ng		99
71) Phenanthrene	17.368	178	649106	49.086	ng		99
72) Anthracene	17.463	178	643712	49.146	ng		100
73) Carbazole	17.751	167	577276	54.176	ng		100
74) Di-n-butylphthalate	18.268	149	769334	51.414	ng		99
75) Fluoranthene	19.380	202	776957	50.018	ng		99
77) Benzidine	19.592	184	208901	88.260	ng		99
78) Pyrene	19.751	202	830800	49.034	ng		99
80) Butylbenzylphthalate	20.627	149	350910	48.491	ng		97
81) Benzo(a)anthracene	21.492	228	776076	49.433	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	178640	35.803	ng		100
83) Chrysene	21.545	228	728415	45.676	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	529250	48.392	ng		99
85) Di-n-octyl phthalate	22.303	149	874830	46.472	ng		98
87) Indeno(1,2,3-cd)pyrene	26.474	276	1019390	60.024	ng		95
88) Benzo(b)fluoranthene	23.186	252	787088	49.512	ng		99
89) Benzo(k)fluoranthene	23.233	252	757635	42.770	ng		98
90) Benzo(a)pyrene	23.827	252	686402	43.857	ng		98
91) Dibenzo(a,h)anthracene	26.485	278	849489	53.650	ng	#	96
92) Benzo(g,h,i)perylene	27.268	276	821962	54.915	ng		97

11/03/2023
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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