Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042680.D
Acq On : 09 Nov 2023 20:21
Operator : MA/JU
Sample : 05256-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

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

Quant Time: Nov 09 23:54:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	39454	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	150833	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	90851	20.000	ng		0.00
64) Phenanthrene-d10	17.250	188	180298	20.000	ng	#	0.00
76) Chrysene-d12	21.438	240	160024	20.000	ng		0.00
86) Perylene-d12	23.809	264	170071	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	376080	153.837	ng		0.00
7) Phenol-d6	7.016	99	466284	139.075	ng		0.00
23) Nitrobenzene-d5	9.051	82	381483	117.901	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	213441	179.946	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	772947	114.482	ng		0.00
79) Terphenyl-d14	19.874	244	1103887	116.967	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	48557	41.678	ng	#	28
3) Pyridine	3.669	79	110026	32.921	ng	#	88
4) n-Nitrosodimethylamine	3.593	42	115017	71.512	ng	#	67
6) Aniline	7.192	93	91574	21.487	ng		92
8) 2-Chlorophenol	7.404	128	131936	50.051	ng		95
9) Benzaldehyde	7.016	77	22310	11.546	ng		88
10) Phenol	7.039	94	161438	47.411	ng		82
11) bis(2-Chloroethyl)ether	7.292	93	133481	46.337	ng		94
12) 1,3-Dichlorobenzene	7.722	146	141043	49.508	ng	#	93
13) 1,4-Dichlorobenzene	7.881	146	147089	51.015	ng		99
14) 1,2-Dichlorobenzene	8.192	146	140715	50.550	ng		98
15) Benzyl Alcohol	8.110	79	139030m	58.573	ng		
16) 2,2'-oxybis(1-Chloropr...	8.380	45	221862m	48.397	ng		
17) 2-Methylphenol	8.298	107	113894	47.238	ng	#	92
18) Hexachloroethane	8.904	117	61637	54.635	ng		93
19) n-Nitroso-di-n-propyla...	8.669	70	123392	52.025	ng	#	85
20) 3+4-Methylphenols	8.633	107	153675	47.674	ng		95
22) Acetophenone	8.698	105	217646	57.214	ng	#	89
24) Nitrobenzene	9.092	77	189943	59.601	ng		96
25) Isophorone	9.598	82	323410	56.471	ng		97
26) 2-Nitrophenol	9.792	139	70472	51.707	ng	#	85
27) 2,4-Dimethylphenol	9.833	122	103660m	47.314	ng		
28) bis(2-Chloroethoxy)met...	10.086	93	180452	52.301	ng		97
29) 2,4-Dichlorophenol	10.310	162	128406	59.233	ng		97
30) 1,2,4-Trichlorobenzene	10.516	180	146165	61.524	ng		98
31) Naphthalene	10.710	128	410882	52.726	ng		99
32) Benzoic acid	9.975	122	46266	27.851	ng		91
33) 4-Chloroaniline	10.857	127	52561	17.298	ng		95
34) Hexachlorobutadiene	10.933	225	97075	67.300	ng		98
35) Caprolactam	11.692	113	31197	40.959	ng	#	76
36) 4-Chloro-3-methylphenol	11.969	107	134630	54.570	ng		97
37) 2-Methylnaphthalene	12.321	142	278676	50.777	ng	#	96
38) 1-Methylnaphthalene	12.545	142	272542	52.758	ng		100
40) 1,2,4,5-Tetrachloroben...	12.674	216	171175	63.068	ng		99
41) Hexachlorocyclopentadiene	12.616	237	171095	103.236	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	106350	61.177	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	116351	56.244	ng		97
46) 1,1'-Biphenyl	13.339	154	389349	56.063	ng		98
47) 2-Chloronaphthalene	13.386	162	294890	57.881	ng		99
48) 2-Nitroaniline	13.627	65	108380	52.312	ng		94
49) Acenaphthylene	14.233	152	484573	57.429	ng		99
50) Dimethylphthalate	13.974	163	358401	52.782	ng		99
51) 2,6-Dinitrotoluene	14.121	165	76563	54.709	ng		91
52) Acenaphthene	14.568	154	272338	53.182	ng		99
53) 3-Nitroaniline	14.462	138	48189	32.274	ng		93
54) 2,4-Dinitrophenol	14.668	184	43659	47.455	ng		87
55) Dibenzofuran	14.904	168	459492	55.188	ng		98
56) 4-Nitrophenol	14.757	139	97558	77.002	ng	#	73
57) 2,4-Dinitrotoluene	14.904	165	106356	49.973	ng	#	86
58) Fluorene	15.551	166	377757	56.076	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.121	232	100863	57.887	ng		98
60) Diethylphthalate	15.321	149	346648	50.390	ng		100
61) 4-Chlorophenyl-phenyle...	15.545	204	198364	58.286	ng		97
62) 4-Nitroaniline	15.627	138	58431	42.440	ng	#	78
63) Azobenzene	15.839	77	427635	56.411	ng		91
65) 4,6-Dinitro-2-methylph...	15.651	198	41775	37.495	ng		88
66) n-Nitrosodiphenylamine	15.768	169	293657	57.764	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	110409	61.241	ng		99
68) Hexachlorobenzene	16.521	284	133983	67.176	ng		98
69) Atrazine	16.721	200	108848	74.099	ng		97
70) Pentachlorophenol	16.886	266	159274	108.622	ng		99
71) Phenanthrene	17.298	178	527176	55.950	ng		100
72) Anthracene	17.386	178	530219	56.814	ng		99
73) Carbazole	17.680	167	441293	58.124	ng		100
74) Di-n-butylphthalate	18.198	149	557963	52.333	ng		98
75) Fluoranthene	19.309	202	602733	54.457	ng		98
77) Benzidine	19.527	184	93959	61.211	ng		98
78) Pyrene	19.680	202	627054	57.066	ng		99
80) Butylbenzylphthalate	20.562	149	235656	50.213	ng		95
81) Benzo(a)anthracene	21.421	228	563597	55.355	ng		100
82) 3,3'-Dichlorobenzidine	21.368	252	156464	48.353	ng		97
83) Chrysene	21.474	228	543645	52.565	ng		100
84) Bis(2-ethylhexyl)phtha...	21.309	149	330406	46.583	ng		98
85) Di-n-octyl phthalate	22.221	149	563573	46.162	ng		94
87) Indeno(1,2,3-cd)pyrene	26.291	276	704282	69.578	ng	#	92
88) Benzo(b)fluoranthene	23.080	252	539632m	56.953	ng		
89) Benzo(k)fluoranthene	23.132	252	546215	51.734	ng	#	97
90) Benzo(a)pyrene	23.703	252	478010	51.243	ng	#	97
91) Dibenzo(a,h)anthracene	26.309	278	583400	61.188	ng	#	94
92) Benzo(g,h,i)perylene	27.068	276	600557	67.317	ng	#	94

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

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