Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035417.D
Acq On : 07 Jun 2022 18:29
Operator : CG/JU
Sample : N3194-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 08 04:08:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	167986	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	590240	20.000	ng	#	0.00
39) Acenaphthene-d10	14.486	164	349128	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	713463	20.000	ng		0.00
76) Chrysene-d12	21.415	240	819493	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	937524	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	984752	123.182	ng		0.00
7) Phenol-d6	7.028	99	1113616	101.980	ng		0.00
23) Nitrobenzene-d5	9.004	82	762421	82.019	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	649274	115.908	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	2110618	86.828	ng		0.00
79) Terphenyl-d14	19.856	244	3569074	86.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	119983	44.739	ng	#	37
3) Pyridine	3.740	79	265907	36.360	ng		87
4) n-Nitrosodimethylamine	3.646	42	138760	50.285	ng	#	61
6) Aniline	7.175	93	317409	26.592	ng		94
8) 2-Chlorophenol	7.416	128	424643	42.332	ng		89
9) Benzaldehyde	6.987	77	201538	45.212	ng		86
10) Phenol	7.057	94	407356	38.696	ng		89
11) bis(2-Chloroethyl)ether	7.269	93	364376	42.551	ng		93
12) 1,3-Dichlorobenzene	7.734	146	490641	41.882	ng	#	94
13) 1,4-Dichlorobenzene	7.881	146	502025	41.739	ng		96
14) 1,2-Dichlorobenzene	8.193	146	482410	40.902	ng		97
15) Benzyl Alcohol	8.093	79	304578m	38.171	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	443834	42.510	ng		94
17) 2-Methylphenol	8.304	107	312857	39.311	ng		93
18) Hexachloroethane	8.916	117	161214	41.092	ng	#	85
19) n-Nitroso-di-n-propyla...	8.657	70	259252	37.542	ng	#	84
20) 3+4-Methylphenols	8.634	107	416124	37.356	ng		95
22) Acetophenone	8.669	105	573636	43.716	ng	#	91
24) Nitrobenzene	9.045	77	388812	46.175	ng		89
25) Isophorone	9.575	82	713544	44.381	ng	#	93
26) 2-Nitrophenol	9.763	139	232609	42.216	ng	#	82
27) 2,4-Dimethylphenol	9.834	122	366817	50.203	ng		96
28) bis(2-Chloroethoxy)met...	10.057	93	466495	41.985	ng		99
29) 2,4-Dichlorophenol	10.310	162	426017	42.759	ng		96
30) 1,2,4-Trichlorobenzene	10.510	180	495304	43.217	ng		97
31) Naphthalene	10.692	128	1260660	44.081	ng		100
32) Benzoic acid	10.010	122	218385	33.413	ng		88
33) 4-Chloroaniline	10.822	127	119245	9.957	ng	#	92
34) Hexachlorobutadiene	10.981	225	309790	40.878	ng		99
35) Caprolactam	11.610	113	93148	31.766	ng	#	79
36) 4-Chloro-3-methylphenol	11.951	107	364683	39.705	ng		92
37) 2-Methylnaphthalene	12.304	142	898644	41.642	ng		96
38) 1-Methylnaphthalene	12.528	142	847299	40.065	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.680	216	546354	47.734	ng	#	96
41) Hexachlorocyclopentadiene	12.657	237	469082	83.836	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	346827	44.894	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	367395	44.296	ng	#	88
46) 1,1'-Biphenyl	13.316	154	1183066	47.537	ng		99
47) 2-Chloronaphthalene	13.363	162	926322	47.710	ng		96
48) 2-Nitroaniline	13.569	65	197922	45.871	ng	#	76
49) Acenaphthylene	14.204	152	1456711	49.267	ng		99
50) Dimethylphthalate	13.951	163	1116366	43.497	ng	#	98
51) 2,6-Dinitrotoluene	14.069	165	254100	46.379	ng	#	70
52) Acenaphthene	14.545	154	839535	46.891	ng		99
53) 3-Nitroaniline	14.398	138	119397	22.957	ng		87
54) 2,4-Dinitrophenol	14.616	184	281455	72.375	ng	#	70
55) Dibenzofuran	14.886	168	1385072	45.041	ng		91
56) 4-Nitrophenol	14.733	139	332692	85.236	ng	#	72
57) 2,4-Dinitrotoluene	14.863	165	344697	45.962	ng	#	77
58) Fluorene	15.533	166	1106836	46.069	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	317527	41.588	ng	#	80
60) Diethylphthalate	15.310	149	1053120	41.493	ng		95
61) 4-Chlorophenyl-phenyle...	15.527	204	602868	43.749	ng	#	85
62) 4-Nitroaniline	15.563	138	220812	40.692	ng	#	81
63) Azobenzene	15.821	77	783981	43.504	ng		83
65) 4,6-Dinitro-2-methylph...	15.633	198	190767	39.801	ng	#	74
66) n-Nitrosodiphenylamine	15.745	169	970831	48.219	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	394239	45.586	ng	#	84
68) Hexachlorobenzene	16.539	284	454433	46.977	ng	#	84
69) Atrazine	16.698	200	358365	48.369	ng		96
70) Pentachlorophenol	16.892	266	522998	98.915	ng		100
71) Phenanthrene	17.274	178	1754721	48.590	ng		99
72) Anthracene	17.363	178	1773187	49.286	ng		99
73) Carbazole	17.639	167	1612797	47.601	ng		97
74) Di-n-butylphthalate	18.204	149	1810907	43.041	ng	#	98
75) Fluoranthene	19.292	202	2145720	49.222	ng		98
77) Benzidine	19.474	184	548060	35.527	ng		99
78) Pyrene	19.651	202	2232255	44.919	ng		100
80) Butylbenzylphthalate	20.551	149	855854	40.545	ng	#	84
81) Benzo(a)anthracene	21.398	228	2403919	47.778	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	560912	42.394	ng	#	99
83) Chrysene	21.451	228	2252094	46.878	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1288388	40.522	ng	#	95
85) Di-n-octyl phthalate	22.239	149	2308987	41.549	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.215	276	3290418	52.907	ng		96
88) Benzo(b)fluoranthene	23.056	252	2653960	49.148	ng		99
89) Benzo(k)fluoranthene	23.103	252	2550093	46.149	ng		99
90) Benzo(a)pyrene	23.668	252	2576184	56.033	ng		98
91) Dibenzo(a,h)anthracene	26.227	278	2881105	55.502	ng		97
92) Benzo(g,h,i)perylene	26.962	276	2841154	56.745	ng		96

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

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