Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029055.D
Acq On : 09 Mar 2021 20:42
Operator : CG/JU
Sample : M1603-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
32-NORTHMS

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:07 AM

Quant Time: Mar 09 23:39:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	10112	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	39776	20.00	ng	#	0.00
39) Acenaphthene-d10	14.334	164	23548	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	47846	20.00	ng		0.00
76) Chrysene-d12	21.257	240	49092	20.00	ng	#	0.00
86) Perylene-d12	23.415	264	49757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	77767	127.47	ng		0.00
7) Phenol-d6	6.869	99	102607	127.34	ng		0.00
23) Nitrobenzene-d5	8.846	82	68749	93.25	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	32451	116.27	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	158420	89.56	ng		0.00
79) Terphenyl-d14	19.710	244	235928	88.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	9242	40.29	ng	#	56
3) Pyridine	3.511	79	25334	41.85	ng	#	37
4) n-Nitrosodimethylamine	3.428	42	19964	59.03	ng	#	44
6) Aniline	7.005	93	29568	34.31	ng		99
8) 2-Chlorophenol	7.234	128	33206	45.82	ng		96
9) Benzaldehyde	6.822	77	8227	18.73	ng		86
10) Phenol	6.893	94	41674	52.04	ng		95
11) bis(2-Chloroethyl)ether	7.111	93	28638	47.14	ng		92
12) 1,3-Dichlorobenzene	7.552	146	35836	45.34	ng	#	92
13) 1,4-Dichlorobenzene	7.705	146	36313	45.31	ng		99
14) 1,2-Dichlorobenzene	8.016	146	34768	45.08	ng		97
15) Benzyl Alcohol	7.928	79	27697	48.07	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.210	45	48945	52.32	ng		70
17) 2-Methylphenol	8.140	107	26272	48.31	ng	#	90
18) Hexachloroethane	8.728	117	14002	48.08	ng		92
19) n-Nitroso-di-n-propyla...	8.487	70	22324	47.10	ng	#	49
20) 3+4-Methylphenols	8.469	107	35685	48.78	ng		92
22) Acetophenone	8.505	105	47438	48.90	ng	#	84
24) Nitrobenzene	8.887	77	35108	46.83	ng	#	87
25) Isophorone	9.405	82	60602	46.72	ng		96
26) 2-Nitrophenol	9.587	139	17785	46.97	ng		89
27) 2,4-Dimethylphenol	9.663	122	28349	49.90	ng		93
28) bis(2-Chloroethoxy)met...	9.893	93	37603	51.01	ng		96
29) 2,4-Dichlorophenol	10.128	162	30458	46.85	ng		97
30) 1,2,4-Trichlorobenzene	10.328	180	32937	46.21	ng		99
31) Naphthalene	10.510	128	98120	44.74	ng		99
32) Benzoic acid	9.852	122	21847	53.64	ng	#	86
33) 4-Chloroaniline	10.640	127	25095	28.47	ng		94
34) Hexachlorobutadiene	10.775	225	19565	45.78	ng		98
35) Caprolactam	11.457	113	9314	52.38	ng	#	50
36) 4-Chloro-3-methylphenol	11.787	107	32220	49.18	ng		95
37) 2-Methylnaphthalene	12.134	142	70469	45.67	ng		97
38) 1-Methylnaphthalene	12.351	142	66369	45.41	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	34180	46.42	ng		99
41) Hexachlorocyclopentadiene	12.469	237	32388	115.40	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	24250	46.99	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	25677	46.36	ng		97
46) 1,1'-Biphenyl	13.163	154	87828	46.51	ng		98
47) 2-Chloronaphthalene	13.204	162	69681	45.20	ng		97
48) 2-Nitroaniline	13.434	65	21668	52.26	ng		92
49) Acenaphthylene	14.057	152	110004	46.46	ng		99
50) Dimethylphthalate	13.810	163	95724	53.64	ng		99
51) 2,6-Dinitrotoluene	13.940	165	19437	46.71	ng		95
52) Acenaphthene	14.398	154	65988	45.45	ng		98
53) 3-Nitroaniline	14.275	138	14482	35.72	ng		82
54) 2,4-Dinitrophenol	14.492	184	20672	97.13	ng		95
55) Dibenzofuran	14.739	168	106076	46.53	ng		98
56) 4-Nitrophenol	14.610	139	31485	94.68	ng		89
57) 2,4-Dinitrotoluene	14.734	165	27580	50.74	ng	#	85
58) Fluorene	15.386	166	86896	47.56	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	21888m	49.17	ng		
60) Diethylphthalate	15.175	149	92610	51.58	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	42223	48.43	ng		93
62) 4-Nitroaniline	15.445	138	18891	48.20	ng		94
63) Azobenzene	15.681	77	83153	50.19	ng		85
65) 4,6-Dinitro-2-methylph...	15.504	198	13764	40.85	ng	#	67
66) n-Nitrosodiphenylamine	15.610	169	73800	45.09	ng		96
67) 4-Bromophenyl-phenylether	16.275	248	24626	45.87	ng	#	87
68) Hexachlorobenzene	16.386	284	27865	46.58	ng	#	92
69) Atrazine	16.563	200	22252	43.70	ng		98
70) Pentachlorophenol	16.739	266	33371	104.28	ng		99
71) Phenanthrene	17.128	178	133623	46.90	ng		99
72) Anthracene	17.216	178	136119	48.23	ng		99
73) Carbazole	17.498	167	123712	45.68	ng		98
74) Di-n-butylphthalate	18.051	149	165020	53.60	ng		99
75) Fluoranthene	19.139	202	156004	49.83	ng		98
77) Benzidine	19.339	184	61529	38.03	ng		99
78) Pyrene	19.504	202	160267	44.44	ng		100
80) Butylbenzylphthalate	20.404	149	77112	49.67	ng	#	94
81) Benzo(a)anthracene	21.245	228	157392	46.20	ng		100
82) 3,3'-Dichlorobenzidine	21.186	252	39949	33.94	ng	#	97
83) Chrysene	21.298	228	154904	46.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	120259	53.83	ng		97
85) Di-n-octyl phthalate	22.027	149	203894	53.79	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.580	276	180892	48.18	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	163589	46.54	ng	#	96
89) Benzo(k)fluoranthene	22.815	252	153614	46.01	ng	#	97
90) Benzo(a)pyrene	23.327	252	145370	45.32	ng	#	97
91) Dibenzo(a,h)anthracene	25.580	278	153258	46.97	ng	#	94
92) Benzo(g,h,i)perylene	26.233	276	147654	46.86	ng	#	94

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

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