Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029006.D
Acq On : 05 Mar 2021 21:19
Operator : CG/JU
Sample : M1566-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 05 22:25:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RO-282MSD

Manual Integrations APPROVED

mohammad

3/8/2021 9:35:14 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	10834	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	41971	20.00	ng	#	0.00
39) Acenaphthene-d10	14.345	164	23631	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	46538	20.00	ng		0.00
76) Chrysene-d12	21.268	240	45399	20.00	ng	#	0.00
86) Perylene-d12	23.427	264	47281	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	81600	124.84	ng		0.00
7) Phenol-d6	6.869	99	97884	113.38	ng		0.00
23) Nitrobenzene-d5	8.851	82	65654	84.40	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	32805	117.13	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	137626	77.53	ng		0.00
79) Terphenyl-d14	19.715	244	170302	69.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	11170	45.45	ng	#	57
3) Pyridine	3.505	79	30141	46.47	ng	#	31
4) n-Nitrosodimethylamine	3.422	42	23982	66.19	ng	#	40
6) Aniline	7.016	93	19449	21.07	ng		99
8) 2-Chlorophenol	7.245	128	36434	46.93	ng		97
9) Benzaldehyde	6.828	77	9834	20.90	ng	#	80
10) Phenol	6.898	94	44532	51.91	ng		97
11) bis(2-Chloroethyl)ether	7.116	93	31070	47.74	ng		89
12) 1,3-Dichlorobenzene	7.563	146	40165m	47.44	ng		
13) 1,4-Dichlorobenzene	7.710	146	40987	47.73	ng		98
14) 1,2-Dichlorobenzene	8.022	146	38710	46.85	ng		99
15) Benzyl Alcohol	7.934	79	30627	49.61	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.222	45	53970	53.85	ng		70
17) 2-Methylphenol	8.139	107	28150	48.32	ng		92
18) Hexachloroethane	8.739	117	15637	50.12	ng		93
19) n-Nitroso-di-n-propyla...	8.498	70	24519	48.28	ng	#	50
20) 3+4-Methylphenols	8.475	107	37887	48.34	ng		93
22) Acetophenone	8.516	105	52099	50.90	ng	#	83
24) Nitrobenzene	8.892	77	38993	49.30	ng	#	90
25) Isophorone	9.416	82	64190	46.89	ng		96
26) 2-Nitrophenol	9.598	139	19433	48.64	ng		91
27) 2,4-Dimethylphenol	9.669	122	30103	50.21	ng		92
28) bis(2-Chloroethoxy)met...	9.904	93	39412	50.67	ng		99
29) 2,4-Dichlorophenol	10.133	162	32635	47.58	ng		98
30) 1,2,4-Trichlorobenzene	10.339	180	35988	47.85	ng		99
31) Naphthalene	10.522	128	106438	46.00	ng		99
32) Benzoic acid	9.851	122	21917	51.00	ng	#	85
33) 4-Chloroaniline	10.651	127	13858	14.90	ng		94
34) Hexachlorobutadiene	10.792	225	21860	48.47	ng		97
35) Caprolactam	11.463	113	8837	47.09	ng	#	48
36) 4-Chloro-3-methylphenol	11.792	107	33768	48.85	ng		96
37) 2-Methylnaphthalene	12.145	142	75161	46.16	ng		98
38) 1-Methylnaphthalene	12.363	142	70796	45.91	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	36347	49.19	ng		98
41) Hexachlorocyclopentadiene	12.480	237	35626	126.49	ng		98
43) 2,4,6-Trichlorophenol	12.774	196	25078	48.42	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	26503	47.68	ng		96
46) 1,1'-Biphenyl	13.174	154	91978	48.53	ng		99
47) 2-Chloronaphthalene	13.216	162	73894	47.76	ng		98
48) 2-Nitroaniline	13.439	65	22822	54.85	ng		95
49) Acenaphthylene	14.069	152	112008	47.14	ng		100
50) Dimethylphthalate	13.821	163	93208	52.05	ng		99
51) 2,6-Dinitrotoluene	13.945	165	19272	46.15	ng		95
52) Acenaphthene	14.410	154	67246	46.15	ng		96
53) 3-Nitroaniline	14.274	138	10065	24.74	ng		91
54) 2,4-Dinitrophenol	14.498	184	20955	98.12	ng		94
55) Dibenzofuran	14.751	168	106899	46.73	ng		95
56) 4-Nitrophenol	14.604	139	32159	96.37	ng		90
57) 2,4-Dinitrotoluene	14.745	165	27091	49.67	ng	#	85
58) Fluorene	15.398	166	88230	48.12	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.980	232	21327m	47.74	ng		
60) Diethylphthalate	15.186	149	89382	49.61	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	42440	48.51	ng		92
62) 4-Nitroaniline	15.445	138	17545	44.61	ng		97
63) Azobenzene	15.692	77	83538	50.25	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	13825	42.19	ng	#	67
66) n-Nitrosodiphenylamine	15.615	169	73271	46.03	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	24546	47.01	ng	#	88
68) Hexachlorobenzene	16.398	284	26985	46.37	ng	#	92
69) Atrazine	16.574	200	21057	42.51	ng		96
70) Pentachlorophenol	16.751	266	32566	104.62	ng		99
71) Phenanthrene	17.133	178	134562	48.56	ng		99
72) Anthracene	17.227	178	132872	48.40	ng		98
73) Carbazole	17.504	167	118619	45.04	ng		98
74) Di-n-butylphthalate	18.057	149	154032	51.43	ng		100
75) Fluoranthene	19.151	202	155054	50.91	ng		99
77) Benzidine	19.345	184	49941	33.38	ng		98
78) Pyrene	19.509	202	156849	47.03	ng		99
80) Butylbenzylphthalate	20.415	149	69518	48.42	ng		97
81) Benzo(a)anthracene	21.250	228	150288	47.70	ng		99
82) 3,3'-Dichlorobenzidine	21.192	252	37515	34.47	ng	#	98
83) Chrysene	21.303	228	147469	48.03	ng		99
84) Bis(2-ethylhexyl)phtha...	21.180	149	125522	60.75	ng	#	95
85) Di-n-octyl phthalate	22.039	149	185718	52.98	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.597	276	178838	50.12	ng	#	92
88) Benzo(b)fluoranthene	22.786	252	162993	48.80	ng	#	96
89) Benzo(k)fluoranthene	22.827	252	149246	47.04	ng	#	97
90) Benzo(a)pyrene	23.339	252	142234	46.67	ng	#	97
91) Dibenzo(a,h)anthracene	25.603	278	150867	48.66	ng	#	96
92) Benzo(g,h,i)perylene	26.256	276	147343	49.21	ng	#	93

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

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