Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029009.D
Acq On : 05 Mar 2021 23:09
Operator : CG/JU
Sample : M1551-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 06 00:28:26 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 :
VEOLIA-VNJ-204MSD

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:22 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	11960	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	46328	20.00	ng		# 0.00
39) Acenaphthene-d10	14.345	164	25647	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	50064	20.00	ng		0.00
76) Chrysene-d12	21.268	240	50372	20.00	ng		0.00
86) Perylene-d12	23.427	264	52395	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	105063	145.61	ng		0.00
7) Phenol-d6	6.869	99	128203	134.52	ng		0.00
23) Nitrobenzene-d5	8.851	82	81895	95.37	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	42207	138.85	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	169443	87.95	ng		0.00
79) Terphenyl-d14	19.715	244	203823	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	11811	43.53	ng	#	55
3) Pyridine	3.505	79	32613	45.55	ng	#	34
4) n-Nitrosodimethylamine	3.422	42	25733	64.33	ng	#	42
6) Aniline	7.016	93	19774	19.40	ng		98
8) 2-Chlorophenol	7.245	128	40310	47.03	ng		95
9) Benzaldehyde	6.822	77	10962	21.10	ng		87
10) Phenol	6.898	94	49096	51.84	ng		94
11) bis(2-Chloroethyl)ether	7.116	93	34741	48.35	ng		93
12) 1,3-Dichlorobenzene	7.563	146	43993m	47.06	ng		
13) 1,4-Dichlorobenzene	7.710	146	44695	47.15	ng		98
14) 1,2-Dichlorobenzene	8.022	146	42596	46.70	ng		99
15) Benzyl Alcohol	7.934	79	33397	49.00	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.216	45	58220	52.62	ng		71
17) 2-Methylphenol	8.140	107	31038	48.26	ng		92
18) Hexachloroethane	8.740	117	17116	49.69	ng		92
19) n-Nitroso-di-n-propyla...	8.498	70	26642	47.52	ng	#	53
20) 3+4-Methylphenols	8.475	107	41870	48.39	ng		93
22) Acetophenone	8.516	105	56553	50.05	ng	#	84
24) Nitrobenzene	8.892	77	42456	48.63	ng	#	87
25) Isophorone	9.416	82	70134	46.42	ng		96
26) 2-Nitrophenol	9.598	139	21510	48.78	ng		89
27) 2,4-Dimethylphenol	9.669	122	33149	50.09	ng		94
28) bis(2-Chloroethoxy)met...	9.904	93	43384	50.53	ng		98
29) 2,4-Dichlorophenol	10.134	162	35711	47.17	ng		98
30) 1,2,4-Trichlorobenzene	10.334	180	38920	46.88	ng		97
31) Naphthalene	10.522	128	119248	46.69	ng		99
32) Benzoic acid	9.851	122	24208	51.03	ng	#	89
33) 4-Chloroaniline	10.651	127	14288	13.92	ng		95
34) Hexachlorobutadiene	10.792	225	23713	47.64	ng		97
35) Caprolactam	11.463	113	9791	47.27	ng	#	34
36) 4-Chloro-3-methylphenol	11.792	107	36061	47.26	ng		96
37) 2-Methylnaphthalene	12.139	142	83672	46.56	ng		97
38) 1-Methylnaphthalene	12.363	142	78144	45.91	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	39572	49.35	ng		98
41) Hexachlorocyclopentadiene	12.480	237	31453	102.90	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	27152	48.31	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	28626	47.45	ng	#	96
46) 1,1'-Biphenyl	13.175	154	101036	49.12	ng		99
47) 2-Chloronaphthalene	13.216	162	79024	47.06	ng		97
48) 2-Nitroaniline	13.439	65	24304	53.82	ng		90
49) Acenaphthylene	14.069	152	122269	47.42	ng		100
50) Dimethylphthalate	13.816	163	101662	52.31	ng		99
51) 2,6-Dinitrotoluene	13.945	165	21229	46.85	ng		95
52) Acenaphthene	14.410	154	76618	48.45	ng		99
53) 3-Nitroaniline	14.274	138	11394	25.80	ng	#	92
54) 2,4-Dinitrophenol	14.498	184	17426	75.18	ng		96
55) Dibenzofuran	14.745	168	118651	47.79	ng		98
56) 4-Nitrophenol	14.604	139	35429	97.82	ng		89
57) 2,4-Dinitrotoluene	14.739	165	28939	48.89	ng	#	84
58) Fluorene	15.398	166	98921	49.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	23298	48.05	ng	#	87
60) Diethylphthalate	15.186	149	97271	49.74	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	45831	48.27	ng		94
62) 4-Nitroaniline	15.445	138	18012	42.20	ng		97
63) Azobenzene	15.692	77	89052	49.35	ng		83
65) 4,6-Dinitro-2-methylph...	15.510	198	11751	33.33	ng	#	72
66) n-Nitrosodiphenylamine	15.616	169	78479	45.83	ng		98
67) 4-Bromophenyl-phenylether	16.286	248	26296	46.81	ng	#	90
68) Hexachlorobenzene	16.398	284	28856	46.10	ng		95
69) Atrazine	16.574	200	22328	41.90	ng		96
70) Pentachlorophenol	16.751	266	35240	105.24	ng		97
71) Phenanthrene	17.133	178	206826	69.38	ng		99
72) Anthracene	17.227	178	156563	53.01	ng		98
73) Carbazole	17.504	167	131408	46.38	ng		98
74) Di-n-butylphthalate	18.057	149	166595	51.71	ng		99
75) Fluoranthene	19.151	202	226097	69.01	ng		98
77) Benzidine	19.345	184	53068	31.97	ng		99
78) Pyrene	19.509	202	230901	62.40	ng		99
80) Butylbenzylphthalate	20.415	149	78006	48.97	ng		93
81) Benzo(a)anthracene	21.250	228	193806	55.44	ng		99
82) 3,3'-Dichlorobenzidine	21.192	252	46234	38.28	ng	#	97
83) Chrysene	21.303	228	182412	53.55	ng		99
84) Bis(2-ethylhexyl)phtha...	21.180	149	118502	51.69	ng	#	95
85) Di-n-octyl phthalate	22.039	149	207765	53.42	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.597	276	210048	53.13	ng	#	92
88) Benzo(b)fluoranthene	22.786	252	199101	53.79	ng	#	98
89) Benzo(k)fluoranthene	22.827	252	174829	49.73	ng	#	97
90) Benzo(a)pyrene	23.339	252	177642	52.60	ng	#	96
91) Dibenzo(a,h)anthracene	25.603	278	168597	49.07	ng	#	94
92) Benzo(g,h,i)perylene	26.256	276	174005	52.45	ng	#	94

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

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