Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029277.D
Acq On : 30 Mar 2021 19:25
Operator : CG/JU
Sample : M1812-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2MSD

Quant Time: Mar 31 00:29:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	159037	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	607261	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	330848	20.00	ng		0.00
64) Phenanthrene-d10	17.109	188	560559	20.00	ng		0.00
76) Chrysene-d12	21.280	240	404031	20.00	ng		0.00
86) Perylene-d12	23.515	264	381478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	834337	90.43	ng		0.00
7) Phenol-d6	6.922	99	1069970	80.81	ng		0.00
23) Nitrobenzene-d5	8.898	82	744828	59.55	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	247042	80.63	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1396978	59.89	ng		0.00
79) Terphenyl-d14	19.733	244	1298292	64.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	148444	35.40	ng		99
3) Pyridine	3.681	79	413238	40.88	ng		99
4) n-Nitrosodimethylamine	3.593	42	221087	48.73	ng		91
6) Aniline	7.081	93	368379	25.68	ng		99
8) 2-Chlorophenol	7.310	128	466226	44.78	ng		99
9) Benzaldehyde	6.892	77	361046	43.43	ng		97
10) Phenol	6.945	94	595370	45.52	ng		98
11) bis(2-Chloroethyl)ether	7.175	93	444836	47.52	ng		98
12) 1,3-Dichlorobenzene	7.634	146	506498	43.49	ng		98
13) 1,4-Dichlorobenzene	7.781	146	512411	43.39	ng		100
14) 1,2-Dichlorobenzene	8.092	146	487553	42.96	ng		98
15) Benzyl Alcohol	7.987	79	436536	45.58	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	670289	46.71	ng		100
17) 2-Methylphenol	8.187	107	378323	45.01	ng		99
18) Hexachloroethane	8.822	117	204527	47.67	ng		99
19) n-Nitroso-di-n-propyla...	8.551	70	381227	44.63	ng		98
20) 3+4-Methylphenols	8.510	107	502506	44.67	ng		98
22) Acetophenone	8.563	105	682641	44.91	ng	#	99
24) Nitrobenzene	8.939	77	551735	42.26	ng		98
25) Isophorone	9.463	82	965434	44.93	ng		99
26) 2-Nitrophenol	9.645	139	234116	53.78	ng		96
27) 2,4-Dimethylphenol	9.710	122	408053	48.90	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	581064	51.15	ng		99
29) 2,4-Dichlorophenol	10.175	162	393004	43.31	ng		96
30) 1,2,4-Trichlorobenzene	10.392	180	443865	43.08	ng		98
31) Naphthalene	10.580	128	1343510	41.97	ng		99
32) Benzoic acid	9.851	122	246820	45.92	ng		99
33) 4-Chloroaniline	10.686	127	72180	5.71	ng		98
34) Hexachlorobutadiene	10.863	225	260588	43.55	ng		98
35) Caprolactam	11.469	113	108697	37.65	ng		96
36) 4-Chloro-3-methylphenol	11.816	107	404079	41.70	ng		96
37) 2-Methylnaphthalene	12.192	142	949495	42.42	ng		99
38) 1-Methylnaphthalene	12.410	142	865299	40.64	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	447398	48.25	ng		98
41) Hexachlorocyclopentadiene	12.545	237	632243	124.27	ng		100
43) 2,4,6-Trichlorophenol	12.804	196	287018	47.55	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	295950	44.10	ng	99
46) 1,1'-Biphenyl	13.210	154	1160592	46.14	ng	98
47) 2-Chloronaphthalene	13.245	162	884382	44.66	ng	99
48) 2-Nitroaniline	13.451	65	275125	42.86	ng	100
49) Acenaphthylene	14.098	152	1418819	47.10	ng	99
50) Dimethylphthalate	13.839	163	1049491	45.39	ng	100
51) 2,6-Dinitrotoluene	13.951	165	218717	43.73	ng	96
52) Acenaphthene	14.439	154	839120	43.83	ng	99
53) 3-Nitroaniline	14.274	138	71747	14.17	ng	96
54) 2,4-Dinitrophenol	14.486	184	220134	74.95	ng	99
55) Dibenzofuran	14.774	168	1228593	40.79	ng	100
56) 4-Nitrophenol	14.586	139	355688	76.90	ng	98
57) 2,4-Dinitrotoluene	14.739	165	280030	38.85	ng	99
58) Fluorene	15.421	166	1008341	41.29	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	216545	39.38	ng	98
60) Diethylphthalate	15.204	149	1011488	44.41	ng	100
61) 4-Chlorophenyl-phenyle...	15.415	204	485486	43.09	ng	97
62) 4-Nitroaniline	15.439	138	198558	34.03	ng	99
63) Azobenzene	15.710	77	1136290	43.64	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	131407	39.81	ng	97
66) n-Nitrosodiphenylamine	15.633	169	838961	46.75	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	256092	49.84	ng	99
68) Hexachlorobenzene	16.421	284	276376	45.71	ng	96
69) Atrazine	16.580	200	277598	49.00	ng	98
70) Pentachlorophenol	16.762	266	220022	59.07	ng	98
71) Phenanthrene	17.157	178	1372274	42.21	ng	99
72) Anthracene	17.245	178	1399607	44.31	ng	100
73) Carbazole	17.509	167	1198026	38.55	ng	100
74) Di-n-butylphthalate	18.080	149	1601710	53.44	ng	99
75) Fluoranthene	19.168	202	1357283	37.80	ng	99
77) Benzidine	19.350	184	610232	52.28	ng	99
78) Pyrene	19.527	202	1373818	50.22	ng	99
80) Butylbenzylphthalate	20.433	149	621358	58.97	ng	100
81) Benzo(a)anthracene	21.268	228	1161436	44.05	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	221450	28.10	ng	98
83) Chrysene	21.321	228	1099223	41.66	ng	99
84) Bis(2-ethylhexyl)phtha...	21.209	149	948463	62.13	ng	99
85) Di-n-octyl phthalate	22.080	149	1517327	60.51	ng	100
87) Indeno(1,2,3-cd)pyrene	25.774	276	1272371	45.60	ng	99
88) Benzo(b)fluoranthene	22.844	252	1091884	44.00	ng	100
89) Benzo(k)fluoranthene	22.891	252	995766	41.30	ng	99
90) Benzo(a)pyrene	23.415	252	931534	41.44	ng	98
91) Dibenzo(a,h)anthracene	25.785	278	1062940	44.50	ng	98
92) Benzo(g,h,i)perylene	26.462	276	1053285	45.01	ng	99

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

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