Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029282.D
Acq On : 30 Mar 2021 22:28
Operator : CG/JU
Sample : M1828-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FS-SB13(25-26)MSD

Quant Time: Mar 31 00:30:54 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	174139	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	655054	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	326757	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	561963	20.00	ng		0.00
76) Chrysene-d12	21.286	240	584499	20.00	ng		0.00
86) Perylene-d12	23.521	264	608148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	743212	73.57	ng		0.00
7) Phenol-d6	6.922	99	933910	64.42	ng		0.00
23) Nitrobenzene-d5	8.898	82	646934	47.95	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	194906	64.41	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	942810	40.93	ng		0.00
79) Terphenyl-d14	19.733	244	909708	31.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	124103	27.03	ng		98
3) Pyridine	3.681	79	350359	31.65	ng		100
4) n-Nitrosodimethylamine	3.593	42	185254	37.29	ng	#	90
6) Aniline	7.075	93	359385	22.88	ng		98
8) 2-Chlorophenol	7.316	128	393513	34.52	ng		98
9) Benzaldehyde	6.893	77	307739	33.80	ng		99
10) Phenol	6.945	94	492636	34.40	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	389391	37.99	ng		99
12) 1,3-Dichlorobenzene	7.634	146	438833	34.41	ng		98
13) 1,4-Dichlorobenzene	7.781	146	449140	34.73	ng		99
14) 1,2-Dichlorobenzene	8.092	146	426051	34.28	ng		97
15) Benzyl Alcohol	7.987	79	361794	34.50	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	584471	37.19	ng		99
17) 2-Methylphenol	8.187	107	311666	33.86	ng		98
18) Hexachloroethane	8.816	117	180321	38.38	ng		97
19) n-Nitroso-di-n-propyla...	8.551	70	324220	34.66	ng		96
20) 3+4-Methylphenols	8.516	107	413289	33.55	ng		99
22) Acetophenone	8.563	105	575928	35.12	ng	#	99
24) Nitrobenzene	8.939	77	470352	33.40	ng		99
25) Isophorone	9.463	82	828547	35.75	ng		98
26) 2-Nitrophenol	9.645	139	197559	42.07	ng		96
27) 2,4-Dimethylphenol	9.710	122	290062	32.22	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	492463	40.19	ng		99
29) 2,4-Dichlorophenol	10.181	162	319920	32.68	ng		97
30) 1,2,4-Trichlorobenzene	10.392	180	373346	33.59	ng		99
31) Naphthalene	10.581	128	1124153	32.56	ng		99
32) Benzoic acid	9.845	122	208363	36.91	ng		96
33) 4-Chloroaniline	10.686	127	107574	7.88	ng		100
34) Hexachlorobutadiene	10.863	225	226579	35.10	ng		97
35) Caprolactam	11.463	113	99062	32.56	ng	#	71
36) 4-Chloro-3-methylphenol	11.816	107	326527	31.24	ng		95
37) 2-Methylnaphthalene	12.192	142	775579	32.12	ng		99
38) 1-Methylnaphthalene	12.410	142	701812	30.56	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	360645	39.38	ng		97
41) Hexachlorocyclopentadiene	12.545	237	516224	102.74	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	230261	38.63	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	234484	35.38	ng	94
46) 1,1'-Biphenyl	13.210	154	945831	38.08	ng	99
47) 2-Chloronaphthalene	13.245	162	704357	36.01	ng	99
48) 2-Nitroaniline	13.451	65	223895	35.89	ng	99
49) Acenaphthylene	14.098	152	1122442	37.73	ng	100
50) Dimethylphthalate	13.839	163	853368	37.37	ng	100
51) 2,6-Dinitrotoluene	13.951	165	176962	35.83	ng	97
52) Acenaphthene	14.439	154	651415	34.45	ng	99
53) 3-Nitroaniline	14.280	138	115715	23.14	ng	100
54) 2,4-Dinitrophenol	14.480	184	167383	59.26	ng	96
55) Dibenzofuran	14.774	168	950992	31.97	ng	99
56) 4-Nitrophenol	14.592	139	290711	63.64	ng	93
57) 2,4-Dinitrotoluene	14.739	165	227313	32.50	ng	97
58) Fluorene	15.421	166	770618	31.95	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	169985	31.30	ng	98
60) Diethylphthalate	15.204	149	819046	36.41	ng	99
61) 4-Chlorophenyl-phenyle...	15.421	204	367362	33.01	ng	99
62) 4-Nitroaniline	15.439	138	166874	29.49	ng	98
63) Azobenzene	15.710	77	859210	33.42	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	95615	30.36	ng	98
66) n-Nitrosodiphenylamine	15.633	169	646074	35.91	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	194921	37.84	ng	99
68) Hexachlorobenzene	16.421	284	210978	34.81	ng	97
69) Atrazine	16.586	200	213127	37.52	ng	98
70) Pentachlorophenol	16.768	266	184226	49.34	ng	99
71) Phenanthrene	17.157	178	1055599	32.39	ng	99
72) Anthracene	17.245	178	1085321	34.28	ng	99
73) Carbazole	17.515	167	978492	31.41	ng	99
74) Di-n-butylphthalate	18.086	149	1284675	42.75	ng	100
75) Fluoranthene	19.168	202	1243412	34.54	ng	99
77) Benzidine	19.356	184	644041	38.14	ng	100
78) Pyrene	19.527	202	1230991	31.11	ng	100
80) Butylbenzylphthalate	20.433	149	627851	42.27	ng	97
81) Benzo(a)anthracene	21.268	228	1295490	33.96	ng	100
82) 3,3'-Dichlorobenzidine	21.203	252	276790	24.28	ng	98
83) Chrysene	21.321	228	1212780	31.78	ng	100
84) Bis(2-ethylhexyl)phtha...	21.209	149	978213	45.32	ng	100
85) Di-n-octyl phthalate	22.080	149	1751715	49.11	ng	99
87) Indeno(1,2,3-cd)pyrene	25.785	276	1588576	35.71	ng	100
88) Benzo(b)fluoranthene	22.850	252	1318531	33.33	ng	99
89) Benzo(k)fluoranthene	22.892	252	1269128	33.02	ng	98
90) Benzo(a)pyrene	23.421	252	1182273	32.99	ng	98
91) Dibenzo(a,h)anthracene	25.791	278	1331815	34.98	ng	99
92) Benzo(g,h,i)perylene	26.474	276	1289000	34.55	ng	99

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

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