Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028521.D
Acq On : 22 Jan 2021 16:51
Operator : CG/JU
Sample : M1209-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-PS-01-069MSD

Quant Time: Jan 22 17:29:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 10:45:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	42293	20.00	ng		0.00
21) Naphthalene-d8	10.828	136	164956	20.00	ng	#	0.00
39) Acenaphthene-d10	14.657	164	84866	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	149194	20.00	ng	#	0.00
76) Chrysene-d12	21.515	240	128172	20.00	ng	#	0.00
86) Perylene-d12	23.797	264	137664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	295155	110.24	ng		0.00
7) Phenol-d6	7.181	99	373444	102.44	ng		0.00
23) Nitrobenzene-d5	9.192	82	234270	67.36	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	111149	98.85	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	443559	65.57	ng		0.00
79) Terphenyl-d14	19.974	244	406654	57.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	35319	32.88	ng	#	68
3) Pyridine	3.746	79	104478	35.13	ng	#	52
4) n-Nitrosodimethylamine	3.658	42	63278	37.01	ng	#	63
6) Aniline	7.334	93	91625	23.20	ng		97
8) 2-Chlorophenol	7.575	128	131778	44.27	ng		95
9) Benzaldehyde	7.146	77	76459	40.31	ng		81
10) Phenol	7.204	94	163837	47.69	ng		86
11) bis(2-Chloroethyl)ether	7.434	93	118823	42.89	ng		92
12) 1,3-Dichlorobenzene	7.898	146	144463	41.12	ng	#	92
13) 1,4-Dichlorobenzene	8.051	146	147389	41.49	ng		98
14) 1,2-Dichlorobenzene	8.369	146	140516	41.23	ng		98
15) Benzyl Alcohol	8.263	79	108187	42.59	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.551	45	184751	36.95	ng		71
17) 2-Methylphenol	8.469	107	104765	44.04	ng	#	88
18) Hexachloroethane	9.098	117	53645	40.12	ng		90
19) n-Nitroso-di-n-propyla...	8.834	70	89288	41.13	ng	#	67
20) 3+4-Methylphenols	8.798	107	138669	43.46	ng		89
22) Acetophenone	8.851	105	178528	41.74	ng	#	90
24) Nitrobenzene	9.234	77	135731	40.43	ng	#	85
25) Isophorone	9.763	82	233471	43.81	ng		95
26) 2-Nitrophenol	9.945	139	70132	46.16	ng	#	80
27) 2,4-Dimethylphenol	10.004	122	111306	50.38	ng		90
28) bis(2-Chloroethoxy)met...	10.239	93	150000	39.88	ng		98
29) 2,4-Dichlorophenol	10.481	162	113097	42.90	ng		99
30) 1,2,4-Trichlorobenzene	10.692	180	124534	39.77	ng		99
31) Naphthalene	10.881	128	387915	41.62	ng		99
32) Benzoic acid	10.157	122	75464	37.96	ng	#	83
33) 4-Chloroaniline	10.992	127	62713	16.20	ng	#	92
34) Hexachlorobutadiene	11.157	225	71603	38.33	ng		99
35) Caprolactam	11.804	113	32877	38.53	ng	#	66
36) 4-Chloro-3-methylphenol	12.116	107	112280	40.97	ng		94
37) 2-Methylnaphthalene	12.486	142	267162	41.58	ng		96
38) 1-Methylnaphthalene	12.704	142	246860	40.50	ng		100
40) 1,2,4,5-Tetrachloroben...	12.857	216	124484	44.47	ng		99
41) Hexachlorocyclopentadiene	12.828	237	110220	84.29	ng		100
43) 2,4,6-Trichlorophenol	13.092	196	82279	43.82	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	86467	44.50	ng		96
46) 1,1'-Biphenyl	13.492	154	316781	43.74	ng		99
47) 2-Chloronaphthalene	13.539	162	243703	41.17	ng		99
48) 2-Nitroaniline	13.745	65	72703	39.17	ng	#	86
49) Acenaphthylene	14.380	152	376142	42.83	ng		99
50) Dimethylphthalate	14.116	163	297286	42.61	ng		100
51) 2,6-Dinitrotoluene	14.239	165	62581	42.16	ng		88
52) Acenaphthene	14.722	154	224823	41.23	ng		98
53) 3-Nitroaniline	14.563	138	43690	26.11	ng		89
54) 2,4-Dinitrophenol	14.774	184	59116	66.87	ng		91
55) Dibenzofuran	15.057	168	341474	40.72	ng		98
56) 4-Nitrophenol	14.874	139	106515	80.85	ng	#	72
57) 2,4-Dinitrotoluene	15.022	165	81272	41.11	ng		90
58) Fluorene	15.698	166	271966	39.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.280	232	70532	41.06	ng		95
60) Diethylphthalate	15.469	149	271937	38.39	ng		98
61) 4-Chlorophenyl-phenyle...	15.692	204	129944	38.40	ng		97
62) 4-Nitroaniline	15.721	138	58943	32.36	ng	#	82
63) Azobenzene	15.980	77	259945	39.09	ng		91
65) 4,6-Dinitro-2-methylph...	15.780	198	39848	42.99	ng		81
66) n-Nitrosodiphenylamine	15.904	169	231356	46.31	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	77606	43.92	ng		97
68) Hexachlorobenzene	16.692	284	86074	41.92	ng		95
69) Atrazine	16.845	200	60700	40.99	ng		99
70) Pentachlorophenol	17.039	266	105543	94.32	ng		99
71) Phenanthrene	17.427	178	382330	41.67	ng		100
72) Anthracene	17.515	178	394361	44.50	ng		99
73) Carbazole	17.786	167	344405	40.98	ng		99
74) Di-n-butylphthalate	18.333	149	429014	42.42	ng		98
75) Fluoranthene	19.421	202	400115	38.83	ng		96
77) Benzidine	19.604	184	117205	40.66	ng		99
78) Pyrene	19.780	202	399457	43.47	ng		99
80) Butylbenzylphthalate	20.656	149	174240	43.00	ng		97
81) Benzo(a)anthracene	21.503	228	371720	42.00	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	116504	40.96	ng	#	98
83) Chrysene	21.556	228	360836	42.23	ng		99
84) Bis(2-ethylhexyl)phtha...	21.415	149	253850	44.31	ng		96
85) Di-n-octyl phthalate	22.303	149	435022	44.91	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.133	276	472592	46.07	ng	#	89
88) Benzo(b)fluoranthene	23.109	252	399088	42.70	ng	#	95
89) Benzo(k)fluoranthene	23.156	252	381231	41.78	ng	#	97
90) Benzo(a)pyrene	23.697	252	363037	41.92	ng	#	96
91) Dibenzo(a,h)anthracene	26.138	278	397372	46.83	ng	#	94
92) Benzo(g,h,i)perylene	26.844	276	396346	47.49	ng	#	91

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

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