Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM028992.D
Acq On : 05 Mar 2021 12:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 05 13:17:27 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	11193	20.00	ng		0.00
21) Naphthalene-d8	10.475	136	41754	20.00	ng	#	0.00
39) Acenaphthene-d10	14.351	164	23761	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	49509	20.00	ng		0.00
76) Chrysene-d12	21.274	240	49848	20.00	ng	#	0.00
86) Perylene-d12	23.439	264	50014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	55621	82.37	ng		0.00
7) Phenol-d6	6.869	99	70875	79.46	ng		0.00
23) Nitrobenzene-d5	8.857	82	66637	86.10	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	23866	84.75	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	143112	80.18	ng		0.00
79) Terphenyl-d14	19.721	244	210343	77.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	11185	44.05	ng	#	60
3) Pyridine	3.510	79	28659	42.77	ng	#	32
4) n-Nitrosodimethylamine	3.428	42	20883	55.78	ng	#	40
6) Aniline	7.022	93	38305	40.16	ng		100
8) 2-Chlorophenol	7.245	128	31537	39.32	ng		97
9) Benzaldehyde	6.834	77	16644	34.24	ng		85
10) Phenol	6.898	94	34882	39.36	ng		97
11) bis(2-Chloroethyl)ether	7.122	93	25845	38.44	ng		87
12) 1,3-Dichlorobenzene	7.563	146	35215m	40.26	ng		
13) 1,4-Dichlorobenzene	7.716	146	35219	39.70	ng		97
14) 1,2-Dichlorobenzene	8.028	146	34107	39.95	ng		98
15) Benzyl Alcohol	7.940	79	25914	40.63	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.222	45	45538	43.98	ng		69
17) 2-Methylphenol	8.145	107	23657	39.30	ng		92
18) Hexachloroethane	8.745	117	13247	41.09	ng		91
19) n-Nitroso-di-n-propyla...	8.504	70	21142	40.29	ng	#	52
20) 3+4-Methylphenols	8.481	107	32473	40.10	ng		93
22) Acetophenone	8.516	105	42232	41.47	ng	#	84
24) Nitrobenzene	8.898	77	33600	42.70	ng	#	87
25) Isophorone	9.422	82	55430	40.71	ng		96
26) 2-Nitrophenol	9.604	139	16359	41.16	ng		91
27) 2,4-Dimethylphenol	9.675	122	23983	40.21	ng		93
28) bis(2-Chloroethoxy)met...	9.904	93	30129	38.94	ng		97
29) 2,4-Dichlorophenol	10.139	162	28017	41.06	ng		99
30) 1,2,4-Trichlorobenzene	10.339	180	30750	41.10	ng		98
31) Naphthalene	10.528	128	91656	39.82	ng		99
32) Benzoic acid	9.845	122	18344	42.91	ng	#	80
33) 4-Chloroaniline	10.657	127	37219	40.23	ng		93
34) Hexachlorobutadiene	10.792	225	18690	41.66	ng		98
35) Caprolactam	11.463	113	7376	39.51	ng	#	45
36) 4-Chloro-3-methylphenol	11.792	107	28753	41.81	ng		94
37) 2-Methylnaphthalene	12.145	142	64132	39.59	ng		98
38) 1-Methylnaphthalene	12.369	142	60002	39.11	ng		97
40) 1,2,4,5-Tetrachloroben...	12.522	216	29367	39.53	ng		98
41) Hexachlorocyclopentadiene	12.486	237	11413	40.30	ng		97
43) 2,4,6-Trichlorophenol	12.775	196	21589	41.46	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	23332	41.74	ng		95
46) 1,1'-Biphenyl	13.175	154	75166	39.44	ng		99
47) 2-Chloronaphthalene	13.216	162	62299	40.05	ng		96
48) 2-Nitroaniline	13.445	65	19331	46.20	ng		92
49) Acenaphthylene	14.069	152	96732	40.49	ng		99
50) Dimethylphthalate	13.822	163	74569	41.41	ng		99
51) 2,6-Dinitrotoluene	13.951	165	17560	41.82	ng		91
52) Acenaphthene	14.416	154	58438	39.89	ng		96
53) 3-Nitroaniline	14.280	138	17688	43.24	ng		88
54) 2,4-Dinitrophenol	14.504	184	9269	43.16	ng		97
55) Dibenzofuran	14.751	168	94990	41.30	ng		97
56) 4-Nitrophenol	14.604	139	14170	42.23	ng		91
57) 2,4-Dinitrotoluene	14.745	165	24444	44.57	ng	#	83
58) Fluorene	15.404	166	76598	41.55	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.986	232	18821m	41.90	ng		
60) Diethylphthalate	15.186	149	76434	42.19	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	36607	41.61	ng	#	89
62) 4-Nitroaniline	15.451	138	17561	44.40	ng		96
63) Azobenzene	15.692	77	73795	44.14	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.510	198	14035	40.26	ng	#	64
66) n-Nitrosodiphenylamine	15.621	169	64636	38.17	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	21455	38.62	ng	#	88
68) Hexachlorobenzene	16.404	284	23911	38.62	ng		95
69) Atrazine	16.574	200	21318	40.46	ng		94
70) Pentachlorophenol	16.757	266	14575	44.01	ng		99
71) Phenanthrene	17.139	178	116338	39.46	ng		100
72) Anthracene	17.227	178	116709	39.96	ng		98
73) Carbazole	17.509	167	112908	40.29	ng		98
74) Di-n-butylphthalate	18.062	149	130644	41.01	ng		99
75) Fluoranthene	19.151	202	135397	41.79	ng		98
77) Benzidine	19.351	184	59818	36.42	ng		100
78) Pyrene	19.515	202	140579	38.39	ng		99
80) Butylbenzylphthalate	20.421	149	62374	39.57	ng		95
81) Benzo(a)anthracene	21.256	228	138306	39.98	ng		100
82) 3,3'-Dichlorobenzidine	21.198	252	47817	40.01	ng	#	98
83) Chrysene	21.309	228	135158	40.09	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	90846	40.05	ng	#	95
85) Di-n-octyl phthalate	22.044	149	155474	40.39	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.603	276	145104	38.45	ng	#	92
88) Benzo(b)fluoranthene	22.792	252	141819	40.14	ng	#	98
89) Benzo(k)fluoranthene	22.833	252	130085	38.76	ng	#	97
90) Benzo(a)pyrene	23.344	252	126456	39.22	ng	#	98
91) Dibenzo(a,h)anthracene	25.609	278	125852	38.37	ng	#	95
92) Benzo(g,h,i)perylene	26.262	276	122211	38.59	ng	#	93

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

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