Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028491.D
Acq On : 21 Jan 2021 16:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jan 21 17:46:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.022	152	37013	20.00	ng		-0.01
21) Naphthalene-d8	10.839	136	154337	20.00	ng		#-0.01
39) Acenaphthene-d10	14.663	164	84804	20.00	ng		-0.01
64) Phenanthrene-d10	17.392	188	148598	20.00	ng		#-0.01
76) Chrysene-d12	21.521	240	116375	20.00	ng		#-0.01
86) Perylene-d12	23.803	264	112283	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	171539	73.21	ng		-0.01
7) Phenol-d6	7.181	99	247915	77.71	ng		0.00
23) Nitrobenzene-d5	9.198	82	238941	73.43	ng		-0.01
42) 2,4,6-Tribromophenol	16.145	330	79556	70.80	ng		-0.01
45) 2-Fluorobiphenyl	13.292	172	522018	77.23	ng		0.00
79) Terphenyl-d14	19.980	244	524667	81.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	32231	34.29	ng	#	68
3) Pyridine	3.757	79	94914	36.47	ng	#	51
4) n-Nitrosodimethylamine	3.663	42	51426	34.37	ng	#	57
6) Aniline	7.345	93	136680	39.54	ng		98
8) 2-Chlorophenol	7.581	128	100358	38.52	ng		97
9) Benzaldehyde	7.151	77	61728	37.18	ng		80
10) Phenol	7.210	94	115930	38.56	ng		87
11) bis(2-Chloroethyl)ether	7.439	93	95555	39.41	ng		91
12) 1,3-Dichlorobenzene	7.904	146	116574	37.92	ng	#	92
13) 1,4-Dichlorobenzene	8.057	146	117869	37.91	ng		98
14) 1,2-Dichlorobenzene	8.375	146	113562	38.08	ng		99
15) Benzyl Alcohol	8.269	79	89207	40.13	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.557	45	167447	38.26	ng		70
17) 2-Methylphenol	8.469	107	83342	40.03	ng	#	89
18) Hexachloroethane	9.110	117	45097	38.54	ng		91
19) n-Nitroso-di-n-propyla...	8.839	70	77640	40.87	ng	#	64
20) 3+4-Methylphenols	8.804	107	113959	40.81	ng		90
22) Acetophenone	8.857	105	150187	37.53	ng	#	89
24) Nitrobenzene	9.239	77	115569	36.79	ng	#	88
25) Isophorone	9.769	82	195062	39.12	ng		95
26) 2-Nitrophenol	9.951	139	56247	39.57	ng	#	85
27) 2,4-Dimethylphenol	10.004	122	78395	37.93	ng		91
28) bis(2-Chloroethoxy)met...	10.245	93	134286	38.16	ng		98
29) 2,4-Dichlorophenol	10.486	162	94882	38.47	ng		97
30) 1,2,4-Trichlorobenzene	10.698	180	107725	36.77	ng		99
31) Naphthalene	10.892	128	324861	37.25	ng		99
32) Benzoic acid	10.163	122	73976	39.77	ng	#	84
33) 4-Chloroaniline	10.998	127	136402	37.65	ng		92
34) Hexachlorobutadiene	11.163	225	64691	37.01	ng		98
35) Caprolactam	11.798	113	27084	33.93	ng	#	55
36) 4-Chloro-3-methylphenol	12.116	107	96213	37.52	ng		96
37) 2-Methylnaphthalene	12.492	142	226367	37.66	ng		95
38) 1-Methylnaphthalene	12.716	142	213650	37.46	ng		99
40) 1,2,4,5-Tetrachloroben...	12.863	216	108474	38.78	ng		99
41) Hexachlorocyclopentadiene	12.833	237	53379	40.85	ng		99
43) 2,4,6-Trichlorophenol	13.098	196	73414	39.13	ng		97

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44) 2,4,5-Trichlorophenol	13.168	196	74875	38.56	ng		95
46) 1,1'-Biphenyl	13.498	154	277081	38.29	ng		99
47) 2-Chloronaphthalene	13.545	162	223858	37.85	ng		99
48) 2-Nitroaniline	13.751	65	67460	36.37	ng		87
49) Acenaphthylene	14.386	152	330613	37.67	ng		100
50) Dimethylphthalate	14.121	163	248822	35.69	ng		100
51) 2,6-Dinitrotoluene	14.245	165	53842	36.30	ng		88
52) Acenaphthene	14.727	154	201830	37.04	ng		98
53) 3-Nitroaniline	14.574	138	58801	35.17	ng		85
54) 2,4-Dinitrophenol	14.780	184	30515	34.54	ng		95
55) Dibenzofuran	15.057	168	304799	36.37	ng		100
56) 4-Nitrophenol	14.868	139	44849	34.07	ng	#	78
57) 2,4-Dinitrotoluene	15.027	165	68968	34.91	ng		92
58) Fluorene	15.704	166	243939	35.53	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.286	232	60977	35.53	ng		93
60) Diethylphthalate	15.474	149	242060	34.20	ng		98
61) 4-Chlorophenyl-phenyle...	15.692	204	121706	35.99	ng		94
62) 4-Nitroaniline	15.727	138	61134	33.58	ng	#	83
63) Azobenzene	15.986	77	233474	35.14	ng		90
65) 4,6-Dinitro-2-methylph...	15.786	198	36081	39.08	ng	#	77
66) n-Nitrosodiphenylamine	15.909	169	202090	40.61	ng		99
67) 4-Bromophenyl-phenylether	16.586	248	71289	40.51	ng		96
68) Hexachlorobenzene	16.704	284	80047	39.14	ng		96
69) Atrazine	16.851	200	52301	35.46	ng		98
70) Pentachlorophenol	17.039	266	43245	38.80	ng		98
71) Phenanthrene	17.433	178	340716	37.28	ng		99
72) Anthracene	17.521	178	333665	37.80	ng		99
73) Carbazole	17.792	167	297563	35.55	ng		100
74) Di-n-butylphthalate	18.339	149	363819	36.12	ng		99
75) Fluoranthene	19.427	202	344920	33.61	ng		97
77) Benzidine	19.603	184	127169	48.59	ng		99
78) Pyrene	19.786	202	347656	41.66	ng		99
80) Butylbenzylphthalate	20.662	149	148362	40.33	ng		96
81) Benzo(a)anthracene	21.503	228	306140	38.09	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	104150	40.33	ng	#	99
83) Chrysene	21.556	228	293423	37.82	ng		100
84) Bis(2-ethylhexyl)phtha...	21.421	149	202445	38.92	ng		97
85) Di-n-octyl phthalate	22.309	149	335002	38.09	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.138	276	331236	39.59	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	301281	39.52	ng	#	97
89) Benzo(k)fluoranthene	23.162	252	285711	38.39	ng	#	96
90) Benzo(a)pyrene	23.703	252	275309	38.98	ng	#	96
91) Dibenzo(a,h)anthracene	26.144	278	274435	39.65	ng	#	94
92) Benzo(g,h,i)perylene	26.850	276	270431	39.72	ng	#	92

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

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