Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031006.D
Acq On : 19 Jul 2021 15:31
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:21 AM

Quant Time: Jul 19 16:50:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 16:47:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	73762	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	326836	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	239689	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	555645	20.000	ng	0.00
76) Chrysene-d12	21.210	240	627437	20.000	ng	0.00
86) Perylene-d12	23.392	264	650124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	169163	37.282	ng	0.00
7) Phenol-d6	6.822	99	242927	36.984	ng	0.00
23) Nitrobenzene-d5	8.787	82	269852	40.224	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	125741	41.725	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	654437	35.906	ng	0.00
79) Terphenyl-d14	19.657	244	1301190	36.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	34171	17.421	ng	# 92
3) Pyridine	3.628	79	97547	19.482	ng	# 89
4) n-Nitrosodimethylamine	3.546	42	54901	21.599	ng	91
6) Aniline	6.981	93	131900	17.597	ng	98
8) 2-Chlorophenol	7.210	128	100052	18.788	ng	97
9) Benzaldehyde	6.799	77	78698	28.685	ng	99
10) Phenol	6.846	94	118085	17.796	ng	90
11) bis(2-Chloroethyl)ether	7.081	93	90390	17.289	ng	98
12) 1,3-Dichlorobenzene	7.528	146	109599	18.680	ng	95
13) 1,4-Dichlorobenzene	7.675	146	110815	18.533	ng	97
14) 1,2-Dichlorobenzene	7.987	146	107925	18.555	ng	97
15) Benzyl Alcohol	7.881	79	104753	22.725	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	114564	13.618	ng	96
17) 2-Methylphenol	8.081	107	85584	19.903	ng	93
18) Hexachloroethane	8.705	117	42446	19.752	ng	88
19) n-Nitroso-di-n-propyla...	8.446	70	89761	20.582	ng	97
20) 3+4-Methylphenols	8.405	107	117717	20.121	ng	96
22) Acetophenone	8.457	105	164883	18.882	ng	94
24) Nitrobenzene	8.834	77	138339	19.768	ng	99
25) Isophorone	9.357	82	243065	18.904	ng	99
26) 2-Nitrophenol	9.534	139	57122	21.338	ng	93
27) 2,4-Dimethylphenol	9.599	122	90742	18.232	ng	94
28) bis(2-Chloroethoxy)met...	9.840	93	123346	16.872	ng	98
29) 2,4-Dichlorophenol	10.063	162	108163	19.386	ng	96
30) 1,2,4-Trichlorobenzene	10.275	180	115799	18.183	ng	96
31) Naphthalene	10.457	128	346646	18.207	ng	100
32) Benzoic acid	9.716	122	70505	23.202	ng	96
33) 4-Chloroaniline	10.575	127	148341	19.145	ng	98
34) Hexachlorobutadiene	10.746	225	75207	19.782	ng	97
35) Caprolactam	11.351	113	36129	20.626	ng	95
36) 4-Chloro-3-methylphenol	11.698	107	123970	21.212	ng	91
37) 2-Methylnaphthalene	12.075	142	264898	18.963	ng	96
38) 1-Methylnaphthalene	12.298	142	252950m	19.012	ng	
40) 1,2,4,5-Tetrachloroben...	12.445	216	136774	17.703	ng	98
41) Hexachlorocyclopentadiene	12.428	237	80743	19.061	ng	98
43) 2,4,6-Trichlorophenol	12.693	196	96554	18.486	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	104826	18.297	ng	#	92
46) 1,1'-Biphenyl	13.104	154	343646	17.704	ng		100
47) 2-Chloronaphthalene	13.140	162	273446	17.429	ng		94
48) 2-Nitroaniline	13.351	65	86309	20.468	ng		95
49) Acenaphthylene	13.992	152	437427	18.200	ng		99
50) Dimethylphthalate	13.745	163	367955	19.290	ng		100
51) 2,6-Dinitrotoluene	13.857	165	82626	19.650	ng	#	84
52) Acenaphthene	14.339	154	273655	17.825	ng		98
53) 3-Nitroaniline	14.187	138	82057	19.664	ng	#	97
54) 2,4-Dinitrophenol	14.387	184	46392	20.129	ng		93
55) Dibenzofuran	14.675	168	453245	18.554	ng		93
56) 4-Nitrophenol	14.492	139	71758	20.097	ng	#	82
57) 2,4-Dinitrotoluene	14.645	165	114551	22.005	ng	#	86
58) Fluorene	15.328	166	373606	18.538	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	98846m	19.935	ng		
60) Diethylphthalate	15.116	149	395330	20.732	ng		98
61) 4-Chlorophenyl-phenyle...	15.328	204	190226	19.152	ng	#	89
62) 4-Nitroaniline	15.351	138	90809	21.199	ng		89
63) Azobenzene	15.622	77	396451	20.584	ng		94
65) 4,6-Dinitro-2-methylph...	15.404	198	69235	18.642	ng		85
66) n-Nitrosodiphenylamine	15.545	169	331045	17.132	ng		97
67) 4-Bromophenyl-phenylether	16.222	248	118220	18.257	ng		93
68) Hexachlorobenzene	16.322	284	131744	17.943	ng	#	93
69) Atrazine	16.504	200	123177	23.802	ng		98
70) Pentachlorophenol	16.669	266	85395	19.872	ng		95
71) Phenanthrene	17.063	178	616795	17.641	ng		100
72) Anthracene	17.151	178	606490	17.865	ng		99
73) Carbazole	17.427	167	603180	18.631	ng		98
74) Di-n-butylphthalate	18.004	149	719065	21.304	ng		99
75) Fluoranthene	19.080	202	763126	19.229	ng		99
77) Benzidine	19.274	184	296129	26.675	ng		98
78) Pyrene	19.445	202	804806	16.928	ng		99
80) Butylbenzylphthalate	20.363	149	341763	19.980	ng		96
81) Benzo(a)anthracene	21.192	228	842539	18.450	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	230576	16.679	ng		98
83) Chrysene	21.245	228	815727	18.381	ng		99
84) Bis(2-ethylhexyl)phtha...	21.145	149	521336	20.279	ng		97
85) Di-n-octyl phthalate	22.010	149	896977	22.335	ng		98
87) Indeno(1,2,3-cd)pyrene	25.562	276	899652	18.193	ng		99
88) Benzo(b)fluoranthene	22.739	252	873593	17.754	ng		100
89) Benzo(k)fluoranthene	22.786	252	825886	17.185	ng		100
90) Benzo(a)pyrene	23.298	252	786789	18.082	ng		99
91) Dibenzo(a,h)anthracene	25.574	278	773636	18.146	ng		99
92) Benzo(g,h,i)perylene	26.221	276	748980	18.469	ng		97

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

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