Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031888.D
Acq On : 25 Aug 2021 11:56
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/26/2021 11:41:02 AM

Quant Time: Aug 25 12:35:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 12:03:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	37398	20.000	ng		0.00
21) Naphthalene-d8	10.280	136	162410	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	108537	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	212839	20.000	ng		0.00
76) Chrysene-d12	21.121	240	142848	20.000	ng		0.00
86) Perylene-d12	23.262	264	121437	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	217269	85.465	ng		0.00
7) Phenol-d6	6.728	99	309053	90.510	ng		0.00
23) Nitrobenzene-d5	8.681	82	364438	91.375	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	123365	103.150	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	819481	97.145	ng		0.00
79) Terphenyl-d14	19.568	244	1022201	107.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	40542	49.106	ng	#	86
3) Pyridine	3.551	79	108057	43.424	ng	#	86
4) n-Nitrosodimethylamine	3.475	42	75051	69.102	ng	#	48
6) Aniline	6.875	93	162870	44.818	ng		98
8) 2-Chlorophenol	7.098	128	125034	45.870	ng		98
9) Benzaldehyde	6.692	77	87927	38.957	ng		94
10) Phenol	6.751	94	152739	44.775	ng		97
11) bis(2-Chloroethyl)ether	6.975	93	109607	42.473	ng		99
12) 1,3-Dichlorobenzene	7.410	146	139407	47.263	ng		98
13) 1,4-Dichlorobenzene	7.557	146	142243	47.484	ng		98
14) 1,2-Dichlorobenzene	7.869	146	137967	47.291	ng		98
15) Benzyl Alcohol	7.775	79	134554	47.949	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.057	45	146629	38.021	ng		94
17) 2-Methylphenol	7.975	107	108893	47.416	ng		99
18) Hexachloroethane	8.575	117	59194	46.407	ng		96
19) n-Nitroso-di-n-propyla...	8.339	70	117938	45.883	ng		98
20) 3+4-Methylphenols	8.304	107	151177	47.205	ng		98
22) Acetophenone	8.345	105	213699	45.124	ng	#	97
24) Nitrobenzene	8.722	77	182421	44.654	ng		96
25) Isophorone	9.245	82	313393	43.794	ng		97
26) 2-Nitrophenol	9.416	139	77323	50.150	ng		92
27) 2,4-Dimethylphenol	9.486	122	110119	46.398	ng		94
28) bis(2-Chloroethoxy)met...	9.722	93	154118	44.308	ng		97
29) 2,4-Dichlorophenol	9.945	162	132637	49.314	ng		97
30) 1,2,4-Trichlorobenzene	10.151	180	145018	50.781	ng		98
31) Naphthalene	10.333	128	442301	47.492	ng		99
32) Benzoic acid	9.686	122	98481	48.954	ng		96
33) 4-Chloroaniline	10.457	127	177253	47.935	ng		100
34) Hexachlorobutadiene	10.604	225	94773	53.097	ng		97
35) Caprolactam	11.286	113	39007	45.831	ng		91
36) 4-Chloro-3-methylphenol	11.592	107	154495	48.379	ng		99
37) 2-Methylnaphthalene	11.951	142	326225	48.590	ng		99
38) 1-Methylnaphthalene	12.174	142	307504	48.652	ng		96
40) 1,2,4,5-Tetrachloroben...	12.327	216	157068	50.355	ng		98
41) Hexachlorocyclopentadiene	12.298	237	82956	54.837	ng		96
43) 2,4,6-Trichlorophenol	12.580	196	115272	50.057	ng		96

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44) 2,4,5-Trichlorophenol	12.657	196	122119	49.714	ng	96
46) 1,1'-Biphenyl	12.986	154	412549	47.123	ng	99
47) 2-Chloronaphthalene	13.027	162	327818	48.218	ng	99
48) 2-Nitroaniline	13.251	65	114836	48.539	ng	96
49) Acenaphthylene	13.880	152	523766	47.490	ng	100
50) Dimethylphthalate	13.645	163	411533	46.676	ng	100
51) 2,6-Dinitrotoluene	13.763	165	92122	47.891	ng	89
52) Acenaphthene	14.227	154	316248	47.665	ng	98
53) 3-Nitroaniline	14.098	138	89515	47.538	ng	98
54) 2,4-Dinitrophenol	14.310	184	55367	51.544	ng	85
55) Dibenzofuran	14.568	168	530503	48.295	ng	99
56) 4-Nitrophenol	14.416	139	74108	47.789	ng	96
57) 2,4-Dinitrotoluene	14.563	165	132042	49.313	ng	93
58) Fluorene	15.221	166	433726	48.199	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	105815	50.315	ng	95
60) Diethylphthalate	15.015	149	443185	46.163	ng	98
61) 4-Chlorophenyl-phenyle...	15.221	204	213690	49.553	ng	98
62) 4-Nitroaniline	15.268	138	86244	48.149	ng	96
63) Azobenzene	15.515	77	494371	44.666	ng	99
65) 4,6-Dinitro-2-methylph...	15.327	198	75781	51.117	ng	91
66) n-Nitrosodiphenylamine	15.445	169	357094	49.689	ng	97
67) 4-Bromophenyl-phenylether	16.115	248	119764	51.806	ng	97
68) Hexachlorobenzene	16.221	284	124615	50.939	ng	94
69) Atrazine	16.409	200	114734	47.758	ng	99
70) Pentachlorophenol	16.574	266	80404	50.249	ng	96
71) Phenanthrene	16.962	178	613363	47.849	ng	99
72) Anthracene	17.051	178	599582	47.545	ng	100
73) Carbazole	17.333	167	550987	45.424	ng	100
74) Di-n-butylphthalate	17.904	149	692950	42.883	ng	100
75) Fluoranthene	18.986	202	626012	43.935	ng	98
77) Benzidine	19.192	184	170495	44.521	ng	99
78) Pyrene	19.350	202	623843	54.502	ng	100
80) Butylbenzylphthalate	20.274	149	257660	45.662	ng	99
81) Benzo(a)anthracene	21.109	228	503020	48.032	ng	99
82) 3,3'-Dichlorobenzidine	21.050	252	145337	46.881	ng	100
83) Chrysene	21.162	228	489652	48.581	ng	98
84) Bis(2-ethylhexyl)phtha...	21.050	149	367057	41.802	ng	99
85) Di-n-octyl phthalate	21.909	149	553296	39.384	ng	98
87) Indeno(1,2,3-cd)pyrene	25.385	276	431795	45.803	ng	97
88) Benzo(b)fluoranthene	22.633	252	436136m	48.762	ng	
89) Benzo(k)fluoranthene	22.674	252	424783	49.349	ng	98
90) Benzo(a)pyrene	23.174	252	390428	48.620	ng	97
91) Dibenzo(a,h)anthracene	25.391	278	378047	45.932	ng	98
92) Benzo(g,h,i)perylene	26.027	276	356437	46.529	ng	98

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

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