Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082321\
Data File : BM031872.D
Acq On : 23 Aug 2021 15:10
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/24/2021 11:22:04 AM

Quant Time: Aug 23 15:40:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 13:51:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	41744	20.000	ng		0.00
21) Naphthalene-d8	10.292	136	172014	20.000	ng		0.00
39) Acenaphthene-d10	14.174	164	112498	20.000	ng		0.00
64) Phenanthrene-d10	16.927	188	221298	20.000	ng		0.00
76) Chrysene-d12	21.133	240	163580	20.000	ng		0.00
86) Perylene-d12	23.274	264	130396	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.169	112	429722	165.222	ng		0.00
7) Phenol-d6	6.739	99	589631	156.453	ng		0.01
23) Nitrobenzene-d5	8.692	82	683049	166.266	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	207878	150.032	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	1451439	171.726	ng		0.00
79) Terphenyl-d14	19.580	244	2032294	209.325	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	62880	57.827	ng		98
3) Pyridine	3.557	79	204456	68.038	ng		99
4) n-Nitrosodimethylamine	3.475	42	89980	51.310	ng	#	85
6) Aniline	6.886	93	306522	74.384	ng		98
8) 2-Chlorophenol	7.104	128	229644	75.404	ng		99
10) Phenol	6.763	94	293146	78.298	ng		98
11) bis(2-Chloroethyl)ether	6.986	93	215981	76.796	ng		99
12) 1,3-Dichlorobenzene	7.416	146	243718	74.815	ng		99
13) 1,4-Dichlorobenzene	7.563	146	248198	73.946	ng		98
14) 1,2-Dichlorobenzene	7.875	146	243875	73.969	ng		99
15) Benzyl Alcohol	7.786	79	247839	76.366	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.063	45	315136	78.419	ng		98
17) 2-Methylphenol	7.986	107	197447	74.579	ng		99
18) Hexachloroethane	8.581	117	107913	77.562	ng		97
19) n-Nitroso-di-n-propyla...	8.351	70	230597	77.488	ng		97
20) 3+4-Methylphenols	8.322	107	279470	75.098	ng		97
22) Acetophenone	8.357	105	405006	82.919	ng	#	99
24) Nitrobenzene	8.733	77	339189	80.671	ng		99
25) Isophorone	9.257	82	597855	81.137	ng		99
26) 2-Nitrophenol	9.428	139	134222	81.096	ng		96
27) 2,4-Dimethylphenol	9.498	122	198602	78.472	ng		98
28) bis(2-Chloroethoxy)met...	9.733	93	290789	82.016	ng		98
29) 2,4-Dichlorophenol	9.957	162	230517	80.167	ng		96
30) 1,2,4-Trichlorobenzene	10.157	180	239949	78.146	ng		98
31) Naphthalene	10.339	128	783235	79.529	ng		100
32) Benzoic acid	9.733	122	179918	79.400	ng		98
33) 4-Chloroaniline	10.469	127	314980	76.945	ng		99
34) Hexachlorobutadiene	10.610	225	149877	76.446	ng		97
35) Caprolactam	11.322	113	72605m	72.718	ng		
36) 4-Chloro-3-methylphenol	11.610	107	272099	76.314	ng		99
37) 2-Methylnaphthalene	11.963	142	575561	78.096	ng		99
38) 1-Methylnaphthalene	12.180	142	544220	77.317	ng		98
40) 1,2,4,5-Tetrachloroben...	12.339	216	257597	80.612	ng		100
41) Hexachlorocyclopentadiene	12.304	237	134835	84.342	ng		100
43) 2,4,6-Trichlorophenol	12.592	196	192240	81.612	ng		97
44) 2,4,5-Trichlorophenol	12.668	196	205617	79.876	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.998	154	726047	82.012	ng	99
47) 2-Chloronaphthalene	13.039	162	564359	81.202	ng	100
48) 2-Nitroaniline	13.263	65	210182	81.487	ng	98
49) Acenaphthylene	13.892	152	934389	82.119	ng	99
50) Dimethylphthalate	13.657	163	715395	76.316	ng	100
51) 2,6-Dinitrotoluene	13.774	165	159830	76.778	ng	96
52) Acenaphthene	14.239	154	559810	80.760	ng	99
53) 3-Nitroaniline	14.110	138	161542	75.575	ng	98
54) 2,4-Dinitrophenol	14.321	184	98675	80.406	ng	94
55) Dibenzofuran	14.574	168	938821	81.050	ng	100
56) 4-Nitrophenol	14.433	139	133292	73.105	ng	98
57) 2,4-Dinitrotoluene	14.574	165	239311	79.821	ng	99
58) Fluorene	15.233	166	795581	82.736	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.810	232	172262	73.796	ng	99
60) Diethylphthalate	15.027	149	795150	77.171	ng	99
61) 4-Chlorophenyl-phenyle...	15.227	204	380415	81.958	ng	99
62) 4-Nitroaniline	15.286	138	154581	70.387	ng	99
63) Azobenzene	15.527	77	925567	81.149	ng	99
65) 4,6-Dinitro-2-methylph...	15.339	198	133322	88.126	ng	98
66) n-Nitrosodiphenylamine	15.457	169	619688	85.174	ng	98
67) 4-Bromophenyl-phenylether	16.127	248	197881	84.006	ng	97
68) Hexachlorobenzene	16.233	284	205567	79.778	ng	96
69) Atrazine	16.421	200	197337	76.215	ng	99
70) Pentachlorophenol	16.580	266	137667	79.541	ng	98
71) Phenanthrene	16.968	178	1084929	80.385	ng	99
72) Anthracene	17.062	178	1068483	80.754	ng	100
73) Carbazole	17.345	167	1005174	75.832	ng	99
74) Di-n-butylphthalate	17.909	149	1375066	83.287	ng	100
75) Fluoranthene	18.992	202	1156357	71.530	ng	98
78) Pyrene	19.356	202	1153986	97.380	ng	99
80) Butylbenzylphthalate	20.280	149	540423	95.151	ng	97
81) Benzo(a)anthracene	21.115	228	946980	79.035	ng	99
82) 3,3'-Dichlorobenzidine	21.056	252	266114	71.870	ng	99
83) Chrysene	21.168	228	909791	77.898	ng	99
84) Bis(2-ethylhexyl)phtha...	21.062	149	849690	96.810	ng	99
85) Di-n-octyl phthalate	21.921	149	1236852	85.288	ng	99
87) Indeno(1,2,3-cd)pyrene	25.409	276	806302	87.745	ng	99
88) Benzo(b)fluoranthene	22.644	252	780337	79.705	ng	98
89) Benzo(k)fluoranthene	22.685	252	782873	82.847	ng	100
90) Benzo(a)pyrene	23.185	252	695773	80.267	ng	99
91) Dibenzo(a,h)anthracene	25.421	278	709151	87.749	ng	99
92) Benzo(g,h,i)perylene	26.056	276	642477	87.301	ng	99

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

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