Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125572.D
Acq On : 22 Sep 2021 22:18
Operator : JU/CG
Sample : M3798-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-06-(30-32)MS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:48 PM

Quant Time: Sep 23 04:50:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	198222	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	817975	20.000	ng	#	0.00
39) Acenaphthene-d10	9.934	164	441058	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	768737	20.000	ng		0.00
76) Chrysene-d12	14.063	240	490515	20.000	ng		0.00
86) Perylene-d12	15.539	264	426425	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1352428	107.893	ng		0.00
7) Phenol-d6	6.516	99	1705100	105.503	ng		0.00
23) Nitrobenzene-d5	7.457	82	1007578	78.566	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	504643	116.815	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1988615	81.107	ng		0.00
79) Terphenyl-d14	13.004	244	2033783	66.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	211495	41.848	ng	#	100
3) Pyridine	3.475	79	477621	35.269	ng	#	72
4) n-Nitrosodimethylamine	3.428	42	228311	42.745	ng	#	1
6) Aniline	6.557	93	766363	41.188	ng		94
8) 2-Chlorophenol	6.681	128	625960	43.731	ng		98
9) Benzaldehyde	6.446	77	382701	51.324	ng		93
10) Phenol	6.534	94	731334	44.458	ng		86
11) bis(2-Chloroethyl)ether	6.628	93	576665	43.848	ng		99
12) 1,3-Dichlorobenzene	6.840	146	653227	42.460	ng		96
13) 1,4-Dichlorobenzene	6.916	146	666199	42.841	ng		98
14) 1,2-Dichlorobenzene	7.069	146	646824	44.536	ng		99
15) Benzyl Alcohol	7.034	79	478653	41.386	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	753655	41.648	ng		90
17) 2-Methylphenol	7.140	107	499745	43.739	ng		96
18) Hexachloroethane	7.410	117	238056	42.995	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	391267	40.450	ng	#	69
20) 3+4-Methylphenols	7.293	107	612122	43.087	ng		91
22) Acetophenone	7.304	105	814158	43.019	ng	#	89
24) Nitrobenzene	7.475	77	587715	43.246	ng		98
25) Isophorone	7.716	82	1082001	39.205	ng		93
26) 2-Nitrophenol	7.792	139	314191	51.344	ng	#	92
27) 2,4-Dimethylphenol	7.822	122	559984	45.660	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	712154	44.913	ng		96
29) 2,4-Dichlorophenol	8.028	162	516316	41.645	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	546290	41.808	ng		97
31) Naphthalene	8.198	128	1771662	42.173	ng		99
32) Benzoic acid	7.940	122	368165	49.441	ng		96
33) 4-Chloroaniline	8.245	127	514034	29.853	ng		97
34) Hexachlorobutadiene	8.322	225	298393	40.498	ng		100
35) Caprolactam	8.610	113	165387m	48.640	ng		
36) 4-Chloro-3-methylphenol	8.722	107	527492	43.311	ng		98
37) 2-Methylnaphthalene	8.892	142	1220143	42.881	ng		98
38) 1-Methylnaphthalene	8.992	142	1123541	42.084	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	480378	40.450	ng		99
41) Hexachlorocyclopentadiene	9.051	237	598206	90.073	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	380182	42.489	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	401823	42.792	ng	#	90
46) 1,1'-Biphenyl	9.357	154	1380041	41.527	ng		96
47) 2-Chloronaphthalene	9.381	162	1151293	41.711	ng		98
48) 2-Nitroaniline	9.469	65	308375	52.358	ng		98
49) Acenaphthylene	9.798	152	1757479	43.325	ng		98
50) Dimethylphthalate	9.657	163	1317413	43.400	ng		98
51) 2,6-Dinitrotoluene	9.716	165	290056	48.029	ng	#	89
52) Acenaphthene	9.969	154	1159036	45.263	ng		96
53) 3-Nitroaniline	9.881	138	244270	38.084	ng		91
54) 2,4-Dinitrophenol	9.986	184	256431	117.861	ng	#	74
55) Dibenzofuran	10.139	168	1587450	41.776	ng		97
56) 4-Nitrophenol	10.039	139	517708	99.500	ng	#	83
57) 2,4-Dinitrotoluene	10.116	165	389233	53.781	ng	#	86
58) Fluorene	10.486	166	1181900	40.441	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	309797	43.926	ng	#	90
60) Diethylphthalate	10.357	149	1300004	43.454	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	546706	42.062	ng		91
62) 4-Nitroaniline	10.498	138	298972	51.581	ng	#	76
63) Azobenzene	10.633	77	1181717	40.653	ng		85
65) 4,6-Dinitro-2-methylph...	10.522	198	174510	46.764	ng	#	83
66) n-Nitrosodiphenylamine	10.592	169	1098307	39.353	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	345767	39.359	ng		94
68) Hexachlorobenzene	11.033	284	403944	40.800	ng	#	85
69) Atrazine	11.122	200	349775	46.603	ng		92
70) Pentachlorophenol	11.222	266	448830	79.514	ng		96
71) Phenanthrene	11.445	178	1788661	41.422	ng		96
72) Anthracene	11.498	178	1837269	42.684	ng		97
73) Carbazole	11.645	167	1685780	41.409	ng		99
74) Di-n-butylphthalate	11.980	149	2051105	42.453	ng		99
75) Fluoranthene	12.633	202	1847816	43.618	ng		97
77) Benzidine	12.751	184	767339	55.171	ng		98
78) Pyrene	12.863	202	1852971	40.311	ng		95
80) Butylbenzylphthalate	13.480	149	830208	44.697	ng		96
81) Benzo(a)anthracene	14.051	228	1381437	41.372	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	460665	45.028	ng		99
83) Chrysene	14.086	228	1434458	42.528	ng		96
84) Bis(2-ethylhexyl)phtha...	14.039	149	1066911	46.987	ng		98
85) Di-n-octyl phthalate	14.657	149	1779444	47.131	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.033	276	1379142	45.053	ng		98
88) Benzo(b)fluoranthene	15.104	252	1359813	43.602	ng		99
89) Benzo(k)fluoranthene	15.139	252	1209210	42.396	ng		97
90) Benzo(a)pyrene	15.474	252	1219036	44.911	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	1148292	44.260	ng		98
92) Benzo(g,h,i)perylene	17.486	276	1165573	45.520	ng		92

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

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