Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125573.D
Acq On : 22 Sep 2021 22:51
Operator : JU/CG
Sample : M3798-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:50 PM

Quant Time: Sep 23 04:50:27 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	200424	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	837052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	446612	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	776506	20.000	ng	0.00
76) Chrysene-d12	14.063	240	492484	20.000	ng	0.00
86) Perylene-d12	15.539	264	429282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1379499	108.843	ng	0.00
7) Phenol-d6	6.522	99	1747096	106.914	ng	0.00
23) Nitrobenzene-d5	7.457	82	1040628	79.294	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	518131	118.446	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2051417	82.873	ng	0.00
79) Terphenyl-d14	13.004	244	2073235	67.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	212203	41.527	ng	# 100
3) Pyridine	3.481	79	481819	35.188	ng	# 71
4) n-Nitrosodimethylamine	3.428	42	228521	42.314	ng	# 1
6) Aniline	6.557	93	788489	41.911	ng	94
8) 2-Chlorophenol	6.681	128	642701	44.407	ng	99
9) Benzaldehyde	6.445	77	390187	51.854	ng	94
10) Phenol	6.534	94	738093	44.375	ng	88
11) bis(2-Chloroethyl)ether	6.628	93	583216	43.859	ng	99
12) 1,3-Dichlorobenzene	6.839	146	672721	43.247	ng	96
13) 1,4-Dichlorobenzene	6.916	146	684713	43.548	ng	98
14) 1,2-Dichlorobenzene	7.069	146	654748	44.586	ng	99
15) Benzyl Alcohol	7.034	79	497301	42.526	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.169	45	766332	41.883	ng	90
17) 2-Methylphenol	7.139	107	511300	44.258	ng	95
18) Hexachloroethane	7.410	117	243168	43.436	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	401157	41.017	ng	# 69
20) 3+4-Methylphenols	7.292	107	629600	43.830	ng	89
22) Acetophenone	7.304	105	828593	42.784	ng	# 90
24) Nitrobenzene	7.475	77	601079	43.222	ng	96
25) Isophorone	7.716	82	1113293	39.420	ng	93
26) 2-Nitrophenol	7.792	139	323626	51.680	ng	# 92
27) 2,4-Dimethylphenol	7.828	122	572574	45.622	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	728656	44.906	ng	98
29) 2,4-Dichlorophenol	8.028	162	537363	42.354	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	556687	41.633	ng	96
31) Naphthalene	8.204	128	1818842	42.310	ng	99
32) Benzoic acid	7.939	122	378940	49.728	ng	97
33) 4-Chloroaniline	8.245	127	533374	30.270	ng	97
34) Hexachlorobutadiene	8.322	225	300803	39.895	ng	99
35) Caprolactam	8.610	113	170186m	48.911	ng	
36) 4-Chloro-3-methylphenol	8.722	107	539708	43.304	ng	99
37) 2-Methylnaphthalene	8.892	142	1251284	42.973	ng	99
38) 1-Methylnaphthalene	8.992	142	1145960	41.946	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	493055	41.001	ng	99
41) Hexachlorocyclopentadiene	9.051	237	608763	90.523	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	390976	43.152	ng	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125573.D
Acq On : 22 Sep 2021 22:51
Operator : JU/CG
Sample : M3798-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:50 PM

Quant Time: Sep 23 04:50:27 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)
44) 2,4,5-Trichlorophenol	9.204	196	414700	43.614	ng		90
46) 1,1'-Biphenyl	9.357	154	1404877	41.749	ng		96
47) 2-Chloronaphthalene	9.380	162	1166807	41.747	ng		98
48) 2-Nitroaniline	9.469	65	312619	52.419	ng		98
49) Acenaphthylene	9.798	152	1783644	43.423	ng		97
50) Dimethylphthalate	9.657	163	1340055	43.597	ng		99
51) 2,6-Dinitrotoluene	9.716	165	299481	48.973	ng	#	89
52) Acenaphthene	9.969	154	1189190	45.863	ng		96
53) 3-Nitroaniline	9.880	138	248135	38.206	ng		92
54) 2,4-Dinitrophenol	9.986	184	266400	120.920	ng	#	76
55) Dibenzofuran	10.145	168	1616072	42.000	ng		93
56) 4-Nitrophenol	10.039	139	527172	100.059	ng	#	85
57) 2,4-Dinitrotoluene	10.116	165	400734	54.682	ng	#	87
58) Fluorene	10.486	166	1209329	40.865	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	315132	44.127	ng	#	90
60) Diethylphthalate	10.357	149	1346555	44.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	558326	42.422	ng		91
62) 4-Nitroaniline	10.498	138	309000	52.648	ng	#	76
63) Azobenzene	10.633	77	1216978	41.346	ng		86
65) 4,6-Dinitro-2-methylph...	10.522	198	181434	48.133	ng	#	81
66) n-Nitrosodiphenylamine	10.592	169	1130505	40.101	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	351776	39.642	ng		93
68) Hexachlorobenzene	11.033	284	413484	41.346	ng	#	85
69) Atrazine	11.122	200	361480	47.680	ng		93
70) Pentachlorophenol	11.222	266	461450	80.931	ng		94
71) Phenanthrene	11.445	178	1822769	41.790	ng		96
72) Anthracene	11.498	178	1863628	42.863	ng		97
73) Carbazole	11.651	167	1728923	42.044	ng		98
74) Di-n-butylphthalate	11.980	149	2093329	42.894	ng		99
75) Fluoranthene	12.633	202	1889721	44.161	ng		96
77) Benzidine	12.751	184	757674	54.258	ng		98
78) Pyrene	12.863	202	1893167	41.021	ng		95
80) Butylbenzylphthalate	13.480	149	857744	45.995	ng		96
81) Benzo(a)anthracene	14.051	228	1396989	41.671	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	470351	45.791	ng		100
83) Chrysene	14.086	228	1462425	43.184	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1097912	48.159	ng	#	99
85) Di-n-octyl phthalate	14.657	149	1818351	47.969	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.033	276	1404940	45.591	ng		98
88) Benzo(b)fluoranthene	15.104	252	1376606	43.847	ng		98
89) Benzo(k)fluoranthene	15.139	252	1183189	41.208	ng		97
90) Benzo(a)pyrene	15.480	252	1232591	45.108	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	1172354	44.887	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1198310	46.487	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125573.D
Acq On : 22 Sep 2021 22:51
Operator : JU/CG
Sample : M3798-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 23 04:50:27 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

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

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:50 PM