Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125556.D
Acq On : 22 Sep 2021 13:22
Operator : JU/CG
Sample : M3750-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-03-(8-10)MSD

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:35 PM

Quant Time: Sep 22 13:50:30 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	230565	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	967296	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	513975	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	892182	20.000	ng		0.00
76) Chrysene-d12	14.062	240	583262	20.000	ng		0.00
86) Perylene-d12	15.539	264	473182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1389027	95.268	ng		0.01
7) Phenol-d6	6.522	99	1711785	91.059	ng		0.00
23) Nitrobenzene-d5	7.457	82	1042164	68.719	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	511576	101.620	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2064842	70.849	ng		0.00
79) Terphenyl-d14	13.010	244	2032478	56.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	240754	40.955	ng	#	100
3) Pyridine	3.522	79	548639	34.830	ng	#	72
4) n-Nitrosodimethylamine	3.481	42	256250	41.246	ng	#	1
6) Aniline	6.557	93	773254	35.728	ng		94
8) 2-Chlorophenol	6.681	128	716974	43.063	ng		98
9) Benzaldehyde	6.445	77	445297	51.346	ng		93
10) Phenol	6.533	94	811879	42.431	ng		90
11) bis(2-Chloroethyl)ether	6.633	93	650756	42.540	ng		95
12) 1,3-Dichlorobenzene	6.839	146	740224	41.366	ng		97
13) 1,4-Dichlorobenzene	6.916	146	761387	42.094	ng		97
14) 1,2-Dichlorobenzene	7.069	146	730669	43.252	ng		97
15) Benzyl Alcohol	7.033	79	555867	41.320	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	856595	40.697	ng		91
17) 2-Methylphenol	7.145	107	562716	42.341	ng		95
18) Hexachloroethane	7.416	117	273124	42.409	ng	#	87
19) n-Nitroso-di-n-propyla...	7.310	70	450136	40.008	ng	#	70
20) 3+4-Methylphenols	7.292	107	679783	41.137	ng		91
22) Acetophenone	7.304	105	926403	41.393	ng	#	90
24) Nitrobenzene	7.475	77	680633	42.352	ng		94
25) Isophorone	7.716	82	1249724	38.292	ng		92
26) 2-Nitrophenol	7.792	139	366393	50.631	ng	#	90
27) 2,4-Dimethylphenol	7.828	122	650152	44.828	ng		95
28) bis(2-Chloroethoxy)met...	7.928	93	815045	43.467	ng		98
29) 2,4-Dichlorophenol	8.033	162	597406	40.747	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	632210	40.915	ng		97
31) Naphthalene	8.204	128	2005344	40.367	ng		98
32) Benzoic acid	7.945	122	404747	45.963	ng		97
33) 4-Chloroaniline	8.245	127	382691	18.794	ng		97
34) Hexachlorobutadiene	8.322	225	347116	39.839	ng		100
35) Caprolactam	8.616	113	181956m	45.252	ng		
36) 4-Chloro-3-methylphenol	8.722	107	599801	41.646	ng		96
37) 2-Methylnaphthalene	8.892	142	1382588	41.089	ng		98
38) 1-Methylnaphthalene	8.992	142	1285594	40.721	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	542160	39.176	ng		99
41) Hexachlorocyclopentadiene	9.051	237	724715	93.641	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	429678	41.208	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	456431	41.712	ng		92
46) 1,1'-Biphenyl	9.357	154	1563644	40.377	ng		96
47) 2-Chloronaphthalene	9.380	162	1306942	40.633	ng		99
48) 2-Nitroaniline	9.474	65	347051	50.565	ng		91
49) Acenaphthylene	9.798	152	1981960	41.928	ng		97
50) Dimethylphthalate	9.657	163	1504574	42.534	ng		98
51) 2,6-Dinitrotoluene	9.716	165	332950	47.310	ng		96
52) Acenaphthene	9.974	154	1315815	44.096	ng		98
53) 3-Nitroaniline	9.880	138	224350	30.016	ng		90
54) 2,4-Dinitrophenol	9.992	184	287584	113.427	ng	#	68
55) Dibenzofuran	10.145	168	1787028	40.356	ng		97
56) 4-Nitrophenol	10.039	139	576179	95.028	ng		87
57) 2,4-Dinitrotoluene	10.121	165	445065	52.771	ng	#	83
58) Fluorene	10.486	166	1334020	39.170	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	354798	43.170	ng	#	90
60) Diethylphthalate	10.363	149	1502743	43.105	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	618611	40.842	ng		88
62) 4-Nitroaniline	10.504	138	340138	50.358	ng	#	74
63) Azobenzene	10.639	77	1352173	39.918	ng		86
65) 4,6-Dinitro-2-methylph...	10.527	198	196212	45.305	ng	#	73
66) n-Nitrosodiphenylamine	10.598	169	1253143	38.688	ng		96
67) 4-Bromophenyl-phenylether	10.968	248	402335	39.461	ng		97
68) Hexachlorobenzene	11.033	284	459038	39.949	ng	#	89
69) Atrazine	11.121	200	404574	46.446	ng		94
70) Pentachlorophenol	11.227	266	501878	76.609	ng		95
71) Phenanthrene	11.451	178	1971525	39.340	ng		96
72) Anthracene	11.504	178	2028365	40.603	ng		97
73) Carbazole	11.651	167	1882564	39.845	ng		98
74) Di-n-butylphthalate	11.986	149	2280034	40.662	ng		99
75) Fluoranthene	12.639	202	2042197	41.536	ng		99
77) Benzidine	12.751	184	1065735	64.440	ng		97
78) Pyrene	12.868	202	2035170	37.234	ng		95
80) Butylbenzylphthalate	13.486	149	957610	43.358	ng		98
81) Benzo(a)anthracene	14.051	228	1508707	37.999	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	383698	31.541	ng		98
83) Chrysene	14.092	228	1576265	39.301	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1228374	45.496	ng		99
85) Di-n-octyl phthalate	14.656	149	2035057	45.330	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.033	276	1379899	40.624	ng		97
88) Benzo(b)fluoranthene	15.109	252	1430115	41.325	ng		98
89) Benzo(k)fluoranthene	15.139	252	1358474	42.923	ng		97
90) Benzo(a)pyrene	15.480	252	1290442	42.844	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1145878	39.803	ng		99
92) Benzo(g,h,i)perylene	17.492	276	1157010	40.721	ng		92

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

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