Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125555.D
Acq On : 22 Sep 2021 12:50
Operator : JU/CG
Sample : M3750-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:33 PM

Quant Time: Sep 22 13:49:52 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	213425	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	891371	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	482401	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	837920	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	541254	20.000	ng	0.00
86) Perylene-d12	15.539	264	455503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1300765	96.379	ng	0.01
7) Phenol-d6	6.522	99	1604186	92.188	ng	0.00
23) Nitrobenzene-d5	7.457	82	965272	69.070	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	482192	102.052	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1921822	70.148	ng	0.00
79) Terphenyl-d14	13.010	244	1948990	58.148	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	227026	41.721	ng	# 100
3) Pyridine	3.516	79	507578	34.811	ng	# 75
4) n-Nitrosodimethylamine	3.469	42	239569	41.658	ng	# 5
6) Aniline	6.557	93	708597	35.370	ng	94
8) 2-Chlorophenol	6.681	128	662183	42.966	ng	98
9) Benzaldehyde	6.445	77	414847	51.754	ng	93
10) Phenol	6.534	94	765014	43.192	ng	88
11) bis(2-Chloroethyl)ether	6.628	93	603596	42.626	ng	100
12) 1,3-Dichlorobenzene	6.839	146	691160	41.726	ng	96
13) 1,4-Dichlorobenzene	6.916	146	702421	41.953	ng	98
14) 1,2-Dichlorobenzene	7.069	146	676486	43.260	ng	99
15) Benzyl Alcohol	7.034	79	511866	41.105	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	793310	40.717	ng	90
17) 2-Methylphenol	7.145	107	524063	42.600	ng	96
18) Hexachloroethane	7.410	117	250381	42.000	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	413305	39.684	ng	# 69
20) 3+4-Methylphenols	7.292	107	639420	41.802	ng	90
22) Acetophenone	7.304	105	853177	41.368	ng	# 91
24) Nitrobenzene	7.475	77	624344	42.159	ng	95
25) Isophorone	7.716	82	1145176	38.078	ng	93
26) 2-Nitrophenol	7.792	139	334348	50.139	ng	# 90
27) 2,4-Dimethylphenol	7.828	122	608066	45.498	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	752905	43.573	ng	97
29) 2,4-Dichlorophenol	8.033	162	556217	41.169	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	577928	40.588	ng	97
31) Naphthalene	8.204	128	1878347	41.031	ng	99
32) Benzoic acid	7.939	122	374134	46.105	ng	99
33) 4-Chloroaniline	8.245	127	353192	18.823	ng	96
34) Hexachlorobutadiene	8.322	225	321374	40.026	ng	99
35) Caprolactam	8.616	113	172809m	46.638	ng	
36) 4-Chloro-3-methylphenol	8.722	107	556101	41.901	ng	99
37) 2-Methylnaphthalene	8.892	142	1297886	41.858	ng	99
38) 1-Methylnaphthalene	8.992	142	1181529	40.612	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	505465	38.915	ng	99
41) Hexachlorocyclopentadiene	9.051	237	673351	92.698	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	402672	41.146	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	426814	41.558	ng		92
46) 1,1'-Biphenyl	9.357	154	1456174	40.063	ng		97
47) 2-Chloronaphthalene	9.380	162	1212061	40.149	ng		98
48) 2-Nitroaniline	9.475	65	324212	50.329	ng		89
49) Acenaphthylene	9.798	152	1843661	41.555	ng		97
50) Dimethylphthalate	9.657	163	1411459	42.514	ng		99
51) 2,6-Dinitrotoluene	9.716	165	310386	46.991	ng		95
52) Acenaphthene	9.975	154	1224714	43.729	ng		98
53) 3-Nitroaniline	9.880	138	210561	30.015	ng		91
54) 2,4-Dinitrophenol	9.986	184	263748	110.835	ng	#	81
55) Dibenzofuran	10.145	168	1671973	40.229	ng		96
56) 4-Nitrophenol	10.039	139	535698	94.134	ng		88
57) 2,4-Dinitrotoluene	10.122	165	423141	53.455	ng	#	79
58) Fluorene	10.486	166	1239642	38.782	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	324564	42.076	ng	#	90
60) Diethylphthalate	10.357	149	1409055	43.063	ng		100
61) 4-Chlorophenyl-phenyle...	10.474	204	575633	40.492	ng		92
62) 4-Nitroaniline	10.498	138	321149	50.658	ng	#	76
63) Azobenzene	10.639	77	1268932	39.912	ng		85
65) 4,6-Dinitro-2-methylph...	10.527	198	181568	44.639	ng	#	73
66) n-Nitrosodiphenylamine	10.598	169	1179733	38.780	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	372964	38.949	ng		96
68) Hexachlorobenzene	11.033	284	430852	39.925	ng	#	87
69) Atrazine	11.121	200	374917	45.828	ng		94
70) Pentachlorophenol	11.227	266	473823	77.011	ng		96
71) Phenanthrene	11.451	178	1879994	39.943	ng		96
72) Anthracene	11.498	178	1947578	41.511	ng		97
73) Carbazole	11.651	167	1766461	39.809	ng		98
74) Di-n-butylphthalate	11.986	149	2169787	41.202	ng		99
75) Fluoranthene	12.633	202	1942847	42.075	ng		96
77) Benzidine	12.751	184	933921	60.853	ng		97
78) Pyrene	12.868	202	1962142	38.684	ng		96
80) Butylbenzylphthalate	13.480	149	898140	43.821	ng		94
81) Benzo(a)anthracene	14.051	228	1433776	38.914	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	348053	30.831	ng		96
83) Chrysene	14.092	228	1497391	40.232	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1172327	46.790	ng		100
85) Di-n-octyl phthalate	14.657	149	1951707	46.848	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.033	276	1381948	42.263	ng		98
88) Benzo(b)fluoranthene	15.109	252	1355857	40.700	ng		98
89) Benzo(k)fluoranthene	15.139	252	1274999	41.849	ng		97
90) Benzo(a)pyrene	15.480	252	1235290	42.605	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1153293	41.615	ng		97
92) Benzo(g,h,i)perylene	17.492	276	1161877	42.479	ng	#	92

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

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