Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007035.D
Acq On : 17 Sep 2021 20:11
Operator : CG/JU
Sample : M3770-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NAPL-05-(29-31)MSD

Manual Integrations APPROVED
mohammad
9/20/2021 4:21:39 PM
9/20/2021 4:21:39 PM

Quant Time: Sep 18 00:57:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	309997	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1225194	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	760543	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1556903	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1595778	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1671903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2214213	116.635	ng	0.00
7) Phenol-d6	7.075	99	2826905	109.098	ng	0.00
23) Nitrobenzene-d5	9.069	82	1570958	72.015	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1099285	120.188	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	3766650	68.371	ng	0.00
79) Terphenyl-d14	19.833	244	5432733	65.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	332866	40.043	ng	# 89
3) Pyridine	3.775	79	801284	37.489	ng	# 88
4) n-Nitrosodimethylamine	3.687	42	356289	45.377	ng	# 80
6) Aniline	7.234	93	992002	35.530	ng	99
8) 2-Chlorophenol	7.469	128	988452	46.455	ng	98
9) Benzaldehyde	7.046	77	624420	54.001	ng	94
10) Phenol	7.099	94	1229825	47.082	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	908703	45.132	ng	96
12) 1,3-Dichlorobenzene	7.799	146	1054116	44.216	ng	96
13) 1,4-Dichlorobenzene	7.940	146	1069975	44.266	ng	98
14) 1,2-Dichlorobenzene	8.257	146	1030904	44.540	ng	98
15) Benzyl Alcohol	8.146	79	777146	46.501	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1067096	45.336	ng	89
17) 2-Methylphenol	8.352	107	808937	48.213	ng	93
18) Hexachloroethane	8.987	117	364251	45.374	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	623469	43.826	ng	98
20) 3+4-Methylphenols	8.675	107	1085054	47.778	ng	93
22) Acetophenone	8.734	105	1354537	43.835	ng	99
24) Nitrobenzene	9.110	77	960024	42.184	ng	96
25) Isophorone	9.640	82	1698952	42.133	ng	99
26) 2-Nitrophenol	9.822	139	480139	48.661	ng	89
27) 2,4-Dimethylphenol	9.881	122	899658	51.816	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	1148822	46.955	ng	99
29) 2,4-Dichlorophenol	10.351	162	918289	46.294	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	973379	43.154	ng	98
31) Naphthalene	10.757	128	2852992	42.025	ng	99
32) Benzoic acid	10.022	122	625918	48.369	ng	95
33) 4-Chloroaniline	10.869	127	452938	17.184	ng	99
34) Hexachlorobutadiene	11.046	225	562572	42.352	ng	99
35) Caprolactam	11.657	113	285255m	52.262	ng	
36) 4-Chloro-3-methylphenol	11.987	107	930448	46.499	ng	98
37) 2-Methylnaphthalene	12.363	142	2074626	43.106	ng	95
38) 1-Methylnaphthalene	12.581	142	1914294	42.123	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	1060401	43.813	ng	98
41) Hexachlorocyclopentadiene	12.716	237	1383387	115.064	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	731214	46.735	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	803062	46.585	ng		97
46) 1,1'-Biphenyl	13.375	154	2521447	42.502	ng		99
47) 2-Chloronaphthalene	13.410	162	2017809	43.168	ng		98
48) 2-Nitroaniline	13.616	65	526962	49.201	ng		94
49) Acenaphthylene	14.257	152	3197651	45.144	ng		100
50) Dimethylphthalate	13.998	163	2477950	44.639	ng		100
51) 2,6-Dinitrotoluene	14.110	165	542806	44.932	ng		93
52) Acenaphthene	14.598	154	1899245	42.363	ng		98
53) 3-Nitroaniline	14.439	138	483918	40.073	ng		100
54) 2,4-Dinitrophenol	14.645	184	661205	103.219	ng		88
55) Dibenzofuran	14.934	168	3073709	42.328	ng		95
56) 4-Nitrophenol	14.745	139	1042284	101.698	ng	#	82
57) 2,4-Dinitrotoluene	14.892	165	748509	48.410	ng		97
58) Fluorene	15.581	166	2461591	43.433	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	673870m	45.448	ng		
60) Diethylphthalate	15.357	149	2425393	45.431	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1255237	44.156	ng		93
62) 4-Nitroaniline	15.604	138	591055	48.689	ng	#	80
63) Azobenzene	15.869	77	2174377	43.979	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	406216	43.025	ng		97
66) n-Nitrosodiphenylamine	15.792	169	2169707	43.789	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	770432	44.766	ng		96
68) Hexachlorobenzene	16.586	284	850474	43.957	ng		98
69) Atrazine	16.745	200	781249	53.026	ng		97
70) Pentachlorophenol	16.928	266	1186763	102.139	ng		99
71) Phenanthrene	17.322	178	3928161	43.492	ng		99
72) Anthracene	17.416	178	3989921	46.171	ng		99
73) Carbazole	17.686	167	3662193	43.441	ng		98
74) Di-n-butylphthalate	18.239	149	4241016	49.189	ng		98
75) Fluoranthene	19.286	202	4683803	45.023	ng		97
77) Benzidine	19.469	184	2734967	Below Cal			99
78) Pyrene	19.639	202	4851439	43.872	ng		98
80) Butylbenzylphthalate	20.510	149	1916886	49.515	ng		97
81) Benzo(a)anthracene	21.345	228	4678602	43.146	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1601269	51.933	ng		98
83) Chrysene	21.398	228	4564328	42.896	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2824142	49.628	ng		97
85) Di-n-octyl phthalate	22.198	149	4865608	52.313	ng		99
87) Indeno(1,2,3-cd)pyrene	26.304	276	5702502	44.943	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4980995	43.863	ng	#	97
89) Benzo(k)fluoranthene	23.086	252	4730547	42.799	ng	#	97
90) Benzo(a)pyrene	23.668	252	4776710	46.905	ng	#	98
91) Dibenzo(a,h)anthracene	26.321	278	4828888	43.994	ng	#	96
92) Benzo(g,h,i)perylene	27.080	276	4711555	44.493	ng	#	94

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

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