

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007034.D
 Acq On : 17 Sep 2021 19:37
 Operator : CG/JU
 Sample : M3770-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/20/2021 4:21:36 PM

Quant Time: Sep 18 01:34:33 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	7.904	152	294688	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1133029	20.000	ng	# 0.00
39) Acenaphthene-d10	14.533	164	691805	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	1396289	20.000	ng	# 0.00
76) Chrysene-d12	21.362	240	1491610	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1592674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2105987	116.697	ng	0.00
7) Phenol-d6	7.075	99	2644025	107.341	ng	0.00
23) Nitrobenzene-d5	9.069	82	1468813	72.810	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	963895	115.856	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	3444578	68.737	ng	0.00
79) Terphenyl-d14	19.833	244	4955839	63.746	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	326240	41.285	ng	# 87
3) Pyridine	3.775	79	794169	39.086	ng	# 86
4) n-Nitrosodimethylamine	3.681	42	350390	46.944	ng	# 85
6) Aniline	7.234	93	943843	35.561	ng	98
8) 2-Chlorophenol	7.469	128	923602	45.662	ng	97
9) Benzaldehyde	7.046	77	596482	54.296	ng	95
10) Phenol	7.098	94	1159125	46.681	ng	90
11) bis(2-Chloroethyl)ether	7.334	93	867451	45.322	ng	95
12) 1,3-Dichlorobenzene	7.798	146	1011089	44.614	ng	96
13) 1,4-Dichlorobenzene	7.946	146	1019494	44.369	ng	98
14) 1,2-Dichlorobenzene	8.257	146	973971	44.266	ng	99
15) Benzyl Alcohol	8.146	79	726983	45.760	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1011326	45.198	ng	88
17) 2-Methylphenol	8.351	107	745730	46.754	ng	92
18) Hexachloroethane	8.987	117	346523	45.409	ng	99
19) n-Nitroso-di-n-propyla...	8.716	70	586496	43.369	ng	99
20) 3+4-Methylphenols	8.675	107	1003341	46.475	ng	94
22) Acetophenone	8.734	105	1267869	44.368	ng	99
24) Nitrobenzene	9.110	77	903670	42.938	ng	97
25) Isophorone	9.640	82	1572890	42.179	ng	99
26) 2-Nitrophenol	9.822	139	435327	47.709	ng	# 88
27) 2,4-Dimethylphenol	9.881	122	825594	51.418	ng	97
28) bis(2-Chloroethoxy)met...	10.122	93	1071630	47.363	ng	98
29) 2,4-Dichlorophenol	10.351	162	836079	45.578	ng	100
30) 1,2,4-Trichlorobenzene	10.569	180	911389	43.693	ng	98
31) Naphthalene	10.757	128	2666099	42.467	ng	100
32) Benzoic acid	10.016	122	544109	45.833	ng	96
33) 4-Chloroaniline	10.869	127	375561	15.407	ng	100
34) Hexachlorobutadiene	11.045	225	525423	42.773	ng	99
35) Caprolactam	11.657	113	250574m	49.642	ng	
36) 4-Chloro-3-methylphenol	11.986	107	839457	45.364	ng	99
37) 2-Methylnaphthalene	12.363	142	1907035	42.847	ng	96
38) 1-Methylnaphthalene	12.581	142	1752233	41.693	ng	98
40) 1,2,4,5-Tetrachloroben...	12.733	216	972099	44.155	ng	98
41) Hexachlorocyclopentadiene	12.716	237	1269735	116.104	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	655274	46.043	ng	97

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44) 2,4,5-Trichlorophenol	13.039	196	714621	45.573	ng	97
46) 1,1'-Biphenyl	13.369	154	2294154	42.513	ng	99
47) 2-Chloronaphthalene	13.410	162	1839168	43.256	ng	98
48) 2-Nitroaniline	13.616	65	476947	48.956	ng	99
49) Acenaphthylene	14.257	152	2900601	45.019	ng	100
50) Dimethylphthalate	13.992	163	2229744	44.159	ng	100
51) 2,6-Dinitrotoluene	14.110	165	488660	44.469	ng	94
52) Acenaphthene	14.598	154	1729040	42.399	ng	99
53) 3-Nitroaniline	14.439	138	426931	38.867	ng	99
54) 2,4-Dinitrophenol	14.639	184	584521	100.314	ng	95
55) Dibenzofuran	14.933	168	2762762	41.826	ng	96
56) 4-Nitrophenol	14.745	139	931562	99.926	ng	# 80
57) 2,4-Dinitrotoluene	14.892	165	659847	46.916	ng	97
58) Fluorene	15.580	166	2217553	43.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	603144m	44.720	ng	
60) Diethylphthalate	15.357	149	2169106	44.667	ng	98
61) 4-Chlorophenyl-phenyle...	15.575	204	1115666	43.146	ng	92
62) 4-Nitroaniline	15.598	138	527322	47.755	ng	# 81
63) Azobenzene	15.869	77	1962318	43.634	ng	95
65) 4,6-Dinitro-2-methylph...	15.657	198	354217	41.833	ng	97
66) n-Nitrosodiphenylamine	15.792	169	1939956	43.656	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	672894	43.596	ng	98
68) Hexachlorobenzene	16.586	284	756807	43.616	ng	100
69) Atrazine	16.745	200	695594	52.643	ng	97
70) Pentachlorophenol	16.927	266	1053423	101.092	ng	99
71) Phenanthrene	17.321	178	3535526	43.647	ng	99
72) Anthracene	17.416	178	3585043	46.258	ng	99
73) Carbazole	17.686	167	3294356	43.573	ng	99
74) Di-n-butylphthalate	18.239	149	3781957	48.910	ng	99
75) Fluoranthene	19.286	202	4255122	45.607	ng	97
77) Benzidine	19.468	184	2559827	Below Cal		99
78) Pyrene	19.639	202	4400378	42.572	ng	98
80) Butylbenzylphthalate	20.510	149	1750666	48.379	ng	99
81) Benzo(a)anthracene	21.345	228	4366737	43.083	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	1511751	52.453	ng	98
83) Chrysene	21.398	228	4267610	42.908	ng	98
84) Bis(2-ethylhexyl)phtha...	21.274	149	2639137	49.616	ng	98
85) Di-n-octyl phthalate	22.198	149	4524863	52.047	ng	99
87) Indeno(1,2,3-cd)pyrene	26.303	276	5526983	45.727	ng	# 94
88) Benzo(b)fluoranthene	23.039	252	4768914	44.084	ng	# 98
89) Benzo(k)fluoranthene	23.086	252	4486477	42.610	ng	# 97
90) Benzo(a)pyrene	23.668	252	4594999	47.365	ng	# 97
91) Dibenzo(a,h)anthracene	26.321	278	4677793	44.737	ng	# 95
92) Benzo(g,h,i)perylene	27.080	276	4598664	45.587	ng	# 93

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

