

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
 Data File : BP006761.D
 Acq On : 19 Aug 2021 00:33
 Operator : CG/JU
 Sample : M3435-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-24-0306MSD

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:27:49 PM

Quant Time: Aug 19 04:52:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	159075	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	677387	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	374369	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	720693	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	679339	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	716681	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1365240	131.820	ng	0.00
7) Phenol-d6	6.887	99	1729496	117.556	ng	0.00
23) Nitrobenzene-d5	8.858	82	1157102	78.845	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	495003	126.516	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1791883	71.611	ng	0.00
79) Terphenyl-d14	19.680	244	2205735	65.061	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	192187	42.623	ng	95
3) Pyridine	3.634	79	499471	37.689	ng	98
4) n-Nitrosodimethylamine	3.552	42	211465	42.276	ng	# 76
6) Aniline	7.040	93	547326	34.249	ng	97
8) 2-Chlorophenol	7.269	128	576650	51.459	ng	94
9) Benzaldehyde	6.852	77	400645	45.246	ng	95
10) Phenol	6.916	94	743045	50.368	ng	98
11) bis(2-Chloroethyl)ether	7.140	93	533785	47.653	ng	94
12) 1,3-Dichlorobenzene	7.587	146	573810	49.131	ng	98
13) 1,4-Dichlorobenzene	7.734	146	589601	49.742	ng	97
14) 1,2-Dichlorobenzene	8.046	146	560442	49.275	ng	97
15) Benzyl Alcohol	7.952	79	546026	49.491	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.240	45	588875	44.178	ng	95
17) 2-Methylphenol	8.152	107	483428	51.897	ng	99
18) Hexachloroethane	8.763	117	237997	50.729	ng	90
19) n-Nitroso-di-n-propyla...	8.516	70	446302	45.216	ng	96
20) 3+4-Methylphenols	8.481	107	653021	51.504	ng	98
22) Acetophenone	8.528	105	867122	48.270	ng	# 99
24) Nitrobenzene	8.899	77	684509	44.870	ng	92
25) Isophorone	9.428	82	1172372	44.477	ng	95
26) 2-Nitrophenol	9.605	139	292766	52.733	ng	92
27) 2,4-Dimethylphenol	9.675	122	518758	55.799	ng	96
28) bis(2-Chloroethoxy)met...	9.916	93	706071	50.063	ng	98
29) 2,4-Dichlorophenol	10.140	162	480343	51.033	ng	95
30) 1,2,4-Trichlorobenzene	10.346	180	481820	47.638	ng	95
31) Naphthalene	10.534	128	1699211	46.683	ng	99
32) Benzoic acid	9.852	122	385739	53.634	ng	92
33) 4-Chloroaniline	10.652	127	227563	15.449	ng	# 94
34) Hexachlorobutadiene	10.810	225	284370	48.249	ng	100
35) Caprolactam	11.469	113	172897m	50.943	ng	
36) 4-Chloro-3-methylphenol	11.793	107	590791	49.402	ng	91
37) 2-Methylnaphthalene	12.151	142	1158239	46.959	ng	99
38) 1-Methylnaphthalene	12.369	142	1072797	45.769	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	494144	50.431	ng	# 94
41) Hexachlorocyclopentadiene	12.499	237	647208	124.541	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	352244	52.649	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	385294	52.027	ng	# 87
46) 1,1'-Biphenyl	13.175	154	1352588	47.733	ng	97
47) 2-Chloronaphthalene	13.210	162	1054719	48.335	ng	95
48) 2-Nitroaniline	13.428	65	390259	50.677	ng	# 85
49) Acenaphthylene	14.063	152	1739623	49.441	ng	99
50) Dimethylphthalate	13.816	163	1325864	48.654	ng	99
51) 2,6-Dinitrotoluene	13.934	165	288618	47.463	ng	# 76
52) Acenaphthene	14.404	154	1013390	47.324	ng	98
53) 3-Nitroaniline	14.263	138	208783	30.971	ng	82
54) 2,4-Dinitrophenol	14.475	184	327367	102.948	ng	# 80
55) Dibenzofuran	14.745	168	1544373	45.850	ng	93
56) 4-Nitrophenol	14.587	139	587220	100.319	ng	# 86
57) 2,4-Dinitrotoluene	14.722	165	406299	49.822	ng	# 76
58) Fluorene	15.392	166	1280261	47.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	310209	49.984	ng	# 71
60) Diethylphthalate	15.187	149	1411595	49.318	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	587184	48.160	ng	# 89
62) 4-Nitroaniline	15.434	138	333056	46.559	ng	93
63) Azobenzene	15.692	77	1567920	46.985	ng	94
65) 4,6-Dinitro-2-methylph...	15.487	198	196812	44.694	ng	70
66) n-Nitrosodiphenylamine	15.616	169	1084110	47.858	ng	99
67) 4-Bromophenyl-phenylether	16.292	248	345984	50.034	ng	# 86
68) Hexachlorobenzene	16.398	284	388212	49.333	ng	# 88
69) Atrazine	16.581	200	386224	54.639	ng	95
70) Pentachlorophenol	16.751	266	520933	104.337	ng	99
71) Phenanthrene	17.139	178	1931114	47.504	ng	100
72) Anthracene	17.234	178	1957923	49.844	ng	100
73) Carbazole	17.510	167	1844096	46.026	ng	98
74) Di-n-butylphthalate	18.075	149	2428663	53.204	ng	99
75) Fluoranthene	19.122	202	2162218	47.389	ng	96
77) Benzidine	19.316	184	1366963	80.413	ng	99
78) Pyrene	19.475	202	2216985	48.858	ng	99
80) Butylbenzylphthalate	20.363	149	1115761	55.919	ng	87
81) Benzo(a)anthracene	21.186	228	2089637	47.067	ng	99
82) 3,3'-Dichlorobenzidine	21.127	252	631971	54.221	ng	# 95
83) Chrysene	21.239	228	2051974	47.675	ng	99
84) Bis(2-ethylhexyl)phtha...	21.127	149	1674536	55.846	ng	# 95
85) Di-n-octyl phthalate	22.027	149	2850000	57.667	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.904	276	2595065	49.937	ng	# 90
88) Benzo(b)fluoranthene	22.816	252	2273188	48.803	ng	# 97
89) Benzo(k)fluoranthene	22.863	252	2060173	46.067	ng	# 97
90) Benzo(a)pyrene	23.410	252	2136327	51.135	ng	# 96
91) Dibenzo(a,h)anthracene	25.921	278	2201977	49.008	ng	# 94
92) Benzo(g,h,i)perylene	26.633	276	2172804	50.464	ng	# 91

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

