

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034256.D
 Acq On : 16 Mar 2022 13:07
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppn
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 16 13:42:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	159208	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	651184	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	414515	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	764817	20.000	ng	0.00
76) Chrysene-d12	21.495	240	584941	20.000	ng	0.00
86) Perylene-d12	23.906	264	557069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	916729	103.297	ng	0.00
7) Phenol-d6	7.101	99	1251694	98.509	ng	0.00
23) Nitrobenzene-d5	9.107	82	897974	67.138	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	541206	96.866	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2083682	68.691	ng	0.00
79) Terphenyl-d14	19.942	244	2453409	72.880	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	37058	9.229	ng	98
3) Pyridine	3.766	79	92251	8.490	ng	96
4) n-Nitrosodimethylamine	3.672	42	47325	9.173	ng	# 93
6) Aniline	7.266	93	144277	9.936	ng	99
8) 2-Chlorophenol	7.507	128	94171	9.072	ng	95
9) Benzaldehyde	7.078	77	88886m	12.984	ng	
10) Phenol	7.131	94	113951	9.017	ng	95
11) bis(2-Chloroethyl)ether	7.366	93	97975	9.445	ng	99
12) 1,3-Dichlorobenzene	7.837	146	111294	9.452	ng	97
13) 1,4-Dichlorobenzene	7.984	146	112674	9.347	ng	97
14) 1,2-Dichlorobenzene	8.301	146	107250	9.127	ng	99
15) Benzyl Alcohol	8.184	79	86060	8.511	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	134307	9.435	ng	97
17) 2-Methylphenol	8.390	107	80929	9.144	ng	99
18) Hexachloroethane	9.037	117	41427	9.318	ng	89
19) n-Nitroso-di-n-propyla...	8.754	70	85693	9.324	ng	99
20) 3+4-Methylphenols	8.719	107	103761	8.477	ng	97
22) Acetophenone	8.772	105	155361	9.297	ng	# 97
24) Nitrobenzene	9.148	77	122725	9.828	ng	99
25) Isophorone	9.678	82	222346	9.934	ng	98
26) 2-Nitrophenol	9.866	139	46319	8.364	ng	95
27) 2,4-Dimethylphenol	9.925	122	88218	10.174	ng	99
28) bis(2-Chloroethoxy)met...	10.166	93	133147	9.292	ng	98
29) 2,4-Dichlorophenol	10.401	162	87136	8.649	ng	98
30) 1,2,4-Trichlorobenzene	10.625	180	104457	9.121	ng	98
31) Naphthalene	10.813	128	317174	9.349	ng	100
32) Benzoic acid	10.013	122	62997	8.786	ng	95
33) 4-Chloroaniline	10.919	127	119976	8.965	ng	98
34) Hexachlorobutadiene	11.107	225	65515	9.032	ng	94
35) Caprolactam	11.672	113	25948	7.409	ng	96
36) 4-Chloro-3-methylphenol	12.036	107	98896	8.566	ng	98
37) 2-Methylnaphthalene	12.419	142	225797	9.328	ng	100
38) 1-Methylnaphthalene	12.636	142	219069	9.251	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	121971	9.750	ng	99
41) Hexachlorocyclopentadiene	12.778	237	101898	14.068	ng	99
43) 2,4,6-Trichlorophenol	13.025	196	73753	8.540	ng	99

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44) 2,4,5-Trichlorophenol	13.089	196	78600	8.479	ng	98
46) 1,1'-Biphenyl	13.425	154	308013	9.745	ng	100
47) 2-Chloronaphthalene	13.466	162	228387	9.414	ng	96
48) 2-Nitroaniline	13.660	65	59140	7.974	ng	94
49) Acenaphthylene	14.307	152	370878	9.808	ng	99
50) Dimethylphthalate	14.042	163	280286	8.884	ng	99
51) 2,6-Dinitrotoluene	14.154	165	58097	8.978	ng	99
52) Acenaphthene	14.648	154	230330	9.043	ng	99
53) 3-Nitroaniline	14.483	138	46624	7.182	ng	94
54) 2,4-Dinitrophenol	14.683	184	30508	8.415	ng	98
55) Dibenzofuran	14.983	168	346427	9.127	ng	99
56) 4-Nitrophenol	14.783	139	30347	5.766	ng	99
57) 2,4-Dinitrotoluene	14.936	165	71012	8.118	ng	97
58) Fluorene	15.630	166	276362	8.969	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	69240	8.283	ng	99
60) Diethylphthalate	15.401	149	281104	8.685	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	140471	8.929	ng	98
62) 4-Nitroaniline	15.636	138	38684	6.194	ng	97
63) Azobenzene	15.919	77	268057	8.588	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	43673	8.782	ng	99
66) n-Nitrosodiphenylamine	15.836	169	233493	9.609	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	81798	9.304	ng	99
68) Hexachlorobenzene	16.636	284	95150	9.703	ng	97
69) Atrazine	16.783	200	75059	9.372	ng	98
70) Pentachlorophenol	16.977	266	47828	7.627	ng	99
71) Phenanthrene	17.365	178	396129	9.249	ng	99
72) Anthracene	17.460	178	389571	9.345	ng	99
73) Carbazole	17.724	167	304545	7.833	ng	99
74) Di-n-butylphthalate	18.295	149	379096	7.843	ng	99
75) Fluoranthene	19.377	202	395524	8.237	ng	99
77) Benzidine	19.565	184	94163m	10.985	ng	
78) Pyrene	19.736	202	403077	9.780	ng	99
80) Butylbenzylphthalate	20.630	149	133002	7.631	ng	97
81) Benzo(a)anthracene	21.477	228	330782	8.960	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	99074	8.034	ng	96
83) Chrysene	21.530	228	343758	9.118	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	191826	7.453	ng	100
85) Di-n-octyl phthalate	22.336	149	302060	7.393	ng	99
87) Indeno(1,2,3-cd)pyrene	26.430	276	303086	8.458	ng	98
88) Benzo(b)fluoranthene	23.171	252	294501	8.841	ng	99
89) Benzo(k)fluoranthene	23.218	252	342749	9.713	ng	97
90) Benzo(a)pyrene	23.800	252	297680	10.541	ng	99
91) Dibenzo(a,h)anthracene	26.447	278	276001	9.499	ng	98
92) Benzo(g,h,i)perylene	27.194	276	296630	9.863	ng	98

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

