

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034255.D
 Acq On : 16 Mar 2022 12:27
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 5ppn
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 16 13:06:23 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	172990	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	687673	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	437627	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	796924	20.000	ng	0.00
76) Chrysene-d12	21.495	240	651244	20.000	ng	0.00
86) Perylene-d12	23.906	264	682467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	980043	101.634	ng	0.00
7) Phenol-d6	7.101	99	1323027	95.827	ng	0.00
23) Nitrobenzene-d5	9.107	82	975915	69.094	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	541581	91.814	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2188659	68.341	ng	0.00
79) Terphenyl-d14	19.942	244	2617385	69.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	21749	4.985	ng	96
3) Pyridine	3.772	79	46576	3.945	ng	# 90
4) n-Nitrosodimethylamine	3.672	42	24382	4.349	ng	# 91
6) Aniline	7.266	93	75996	4.817	ng	98
8) 2-Chlorophenol	7.507	128	50810	4.505	ng	97
9) Benzaldehyde	7.078	77	48204m	6.480	ng	
10) Phenol	7.131	94	61156	4.454	ng	97
11) bis(2-Chloroethyl)ether	7.366	93	51428	4.563	ng	98
12) 1,3-Dichlorobenzene	7.837	146	59803	4.674	ng	99
13) 1,4-Dichlorobenzene	7.984	146	60870	4.647	ng	97
14) 1,2-Dichlorobenzene	8.301	146	57620	4.513	ng	99
15) Benzyl Alcohol	8.184	79	41794	3.804	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	70775	4.576	ng	97
17) 2-Methylphenol	8.390	107	39344	4.091	ng	96
18) Hexachloroethane	9.037	117	21999	4.554	ng	95
19) n-Nitroso-di-n-propyla...	8.754	70	41972	4.203	ng	97
20) 3+4-Methylphenols	8.719	107	51838	3.897	ng	94
22) Acetophenone	8.772	105	81469	4.616	ng	# 96
24) Nitrobenzene	9.148	77	67964	5.154	ng	99
25) Isophorone	9.678	82	108544	4.592	ng	99
26) 2-Nitrophenol	9.872	139	21362	3.653	ng	94
27) 2,4-Dimethylphenol	9.931	122	43377	4.737	ng	100
28) bis(2-Chloroethoxy)met...	10.166	93	66037	4.364	ng	97
29) 2,4-Dichlorophenol	10.407	162	42024	3.950	ng	98
30) 1,2,4-Trichlorobenzene	10.625	180	53700	4.440	ng	97
31) Naphthalene	10.807	128	163477	4.563	ng	100
32) Benzoic acid	9.984	122	14332m	1.893	ng	
33) 4-Chloroaniline	10.919	127	52541	3.718	ng	98
34) Hexachlorobutadiene	11.107	225	34073	4.448	ng	97
35) Caprolactam	11.666	113	10834	2.929	ng	99
36) 4-Chloro-3-methylphenol	12.036	107	44025	3.611	ng	97
37) 2-Methylnaphthalene	12.419	142	113118	4.425	ng	99
38) 1-Methylnaphthalene	12.636	142	111728	4.468	ng	98
40) 1,2,4,5-Tetrachloroben...	12.789	216	62354	4.721	ng	99
41) Hexachlorocyclopentadiene	12.778	237	39747	5.198	ng	95
43) 2,4,6-Trichlorophenol	13.025	196	34443	3.778	ng	97

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44) 2,4,5-Trichlorophenol	13.089	196	36329	3.712	ng	97
46) 1,1'-Biphenyl	13.425	154	156005	4.675	ng	100
47) 2-Chloronaphthalene	13.466	162	113507	4.432	ng	99
48) 2-Nitroaniline	13.660	65	25256	3.225	ng	94
49) Acenaphthylene	14.307	152	180537	4.522	ng	99
50) Dimethylphthalate	14.036	163	139360	4.184	ng	98
51) 2,6-Dinitrotoluene	14.154	165	26923	3.941	ng	93
52) Acenaphthene	14.648	154	113014	4.203	ng	99
53) 3-Nitroaniline	14.483	138	19191	2.800	ng	94
54) 2,4-Dinitrophenol	14.683	184	7376	1.927	ng	87
55) Dibenzofuran	14.983	168	171003	4.267	ng	98
56) 4-Nitrophenol	14.789	139	10283	1.851	ng	92
57) 2,4-Dinitrotoluene	14.936	165	29124	3.154	ng	94
58) Fluorene	15.630	166	134290	4.128	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	30648	3.473	ng	98
60) Diethylphthalate	15.401	149	132832	3.887	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	69813	4.203	ng	99
62) 4-Nitroaniline	15.636	138	15251m	2.313	ng	
63) Azobenzene	15.919	77	125686	3.814	ng	99
65) 4,6-Dinitro-2-methylph...	15.695	198	13402	2.586	ng	96
66) n-Nitrosodiphenylamine	15.836	169	109359	4.319	ng	99
67) 4-Bromophenyl-phenylether	16.519	248	39150	4.273	ng	96
68) Hexachlorobenzene	16.636	284	46628	4.563	ng	98
69) Atrazine	16.783	200	34708	4.159	ng	98
70) Pentachlorophenol	16.971	266	21927m	3.356	ng	
71) Phenanthrene	17.366	178	196614	4.405	ng	99
72) Anthracene	17.460	178	182716	4.206	ng	98
73) Carbazole	17.724	167	130258	3.215	ng	98
74) Di-n-butylphthalate	18.295	149	178102	3.536	ng	98
75) Fluoranthene	19.377	202	195941	3.916	ng	98
77) Benzidine	19.595	184	40526m	4.246	ng	
78) Pyrene	19.736	202	205855	4.486	ng	98
80) Butylbenzylphthalate	20.630	149	66101	3.406	ng	98
81) Benzo(a)anthracene	21.477	228	175047	4.259	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	53692	3.911	ng	# 93
83) Chrysene	21.530	228	178025	4.241	ng	100
84) Bis(2-ethylhexyl)phtha...	21.406	149	95077	3.318	ng	98
85) Di-n-octyl phthalate	22.336	149	156787	3.447	ng	98
87) Indeno(1,2,3-cd)pyrene	26.424	276	163880	3.733	ng	98
88) Benzo(b)fluoranthene	23.171	252	159601	3.911	ng	98
89) Benzo(k)fluoranthene	23.218	252	189412	4.381	ng	100
90) Benzo(a)pyrene	23.800	252	154043	4.453	ng	98
91) Dibenzo(a,h)anthracene	26.447	278	143195	4.023	ng	98
92) Benzo(g,h,i)perylene	27.183	276	167303	4.541	ng	99

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

