

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
 Data File : BP006264.D
 Acq On : 21 Jul 2021 14:50
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 10 ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

mohammad
 7/22/2021 1:29:29 PM

Quant Time: Jul 21 15:18:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	319757	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1309728	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	763088	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1504526	20.000	ng	# 0.00
76) Chrysene-d12	21.280	240	1451744	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	1448295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2039895	106.286	ng	-0.01
7) Phenol-d6	6.975	99	2773995	105.717	ng	0.00
23) Nitrobenzene-d5	8.958	82	1622498	74.597	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	695475	88.542	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3376498	67.351	ng	0.00
79) Terphenyl-d14	19.757	244	4888345	67.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	84862	10.574	ng	94
3) Pyridine	3.740	79	211882	9.484	ng	96
4) n-Nitrosodimethylamine	3.652	42	79882	10.545	ng	# 75
6) Aniline	7.134	93	329900	11.357	ng	98
8) 2-Chlorophenol	7.363	128	206278	9.734	ng	94
9) Benzaldehyde	6.952	77	181926	12.042	ng	96
10) Phenol	6.999	94	264467	10.159	ng	97
11) bis(2-Chloroethyl)ether	7.234	93	211515	10.491	ng	93
12) 1,3-Dichlorobenzene	7.687	146	229137	9.869	ng	98
13) 1,4-Dichlorobenzene	7.834	146	234797	9.975	ng	98
14) 1,2-Dichlorobenzene	8.146	146	223586	9.917	ng	97
15) Benzyl Alcohol	8.040	79	186418	9.869	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.328	45	223667	11.011	ng	93
17) 2-Methylphenol	8.240	107	171426	9.928	ng	97
18) Hexachloroethane	8.875	117	81272	9.712	ng	92
19) n-Nitroso-di-n-propyla...	8.610	70	158001	9.830	ng	93
20) 3+4-Methylphenols	8.569	107	229095	9.851	ng	95
22) Acetophenone	8.622	105	320040	10.125	ng	# 98
24) Nitrobenzene	8.999	77	236628	10.233	ng	95
25) Isophorone	9.528	82	390979	8.811	ng	96
26) 2-Nitrophenol	9.705	139	80225	9.237	ng	95
27) 2,4-Dimethylphenol	9.769	122	186339	10.614	ng	100
28) bis(2-Chloroethoxy)met...	10.010	93	266477	10.638	ng	98
29) 2,4-Dichlorophenol	10.234	162	164060	9.052	ng	96
30) 1,2,4-Trichlorobenzene	10.452	180	194146	9.474	ng	99
31) Naphthalene	10.634	128	664476	9.666	ng	100
32) Benzoic acid	9.846	122	77651m	7.127	ng	
33) 4-Chloroaniline	10.746	127	270393	9.663	ng	98
34) Hexachlorobutadiene	10.922	225	110606	9.104	ng	99
35) Caprolactam	11.528	113	47822	8.769	ng	# 80
36) 4-Chloro-3-methylphenol	11.875	107	195333	9.260	ng	96
37) 2-Methylnaphthalene	12.246	142	456916	9.517	ng	97
38) 1-Methylnaphthalene	12.469	142	423447	9.326	ng	96
40) 1,2,4,5-Tetrachloroben...	12.616	216	205454	9.940	ng	# 97
41) Hexachlorocyclopentadiene	12.599	237	127349	11.253	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	120916	9.327	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	129782	9.318	ng	# 92
46) 1,1'-Biphenyl	13.263	154	571883	10.168	ng	97
47) 2-Chloronaphthalene	13.304	162	422799	9.763	ng	97
48) 2-Nitroaniline	13.510	65	100134	9.840	ng	93
49) Acenaphthylene	14.145	152	667799	9.687	ng	99
50) Dimethylphthalate	13.898	163	514254	9.604	ng	99
51) 2,6-Dinitrotoluene	14.010	165	95759	9.112	ng	88
52) Acenaphthene	14.493	154	405916	9.525	ng	100
53) 3-Nitroaniline	14.334	138	103123	9.262	ng	# 87
54) 2,4-Dinitrophenol	14.540	184	38324	8.597	ng	94
55) Dibenzofuran	14.828	168	632813	9.405	ng	98
56) 4-Nitrophenol	14.640	139	83386	8.441	ng	87
57) 2,4-Dinitrotoluene	14.793	165	117473	8.664	ng	87
58) Fluorene	15.481	166	505745	9.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	105125	8.717	ng	# 81
60) Diethylphthalate	15.269	149	520900	9.426	ng	99
61) 4-Chlorophenyl-phenylether	15.481	204	244482	9.590	ng	97
62) 4-Nitroaniline	15.498	138	104209	8.961	ng	# 85
63) Azobenzene	15.775	77	521137	9.365	ng	93
65) 4,6-Dinitro-2-methylph...	15.551	198	52811	7.545	ng	79
66) n-Nitrosodiphenylamine	15.692	169	435320	9.430	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	118893	7.844	ng	91
68) Hexachlorobenzene	16.481	284	159378	9.170	ng	96
69) Atrazine	16.657	200	144257	9.568	ng	96
70) Pentachlorophenol	16.828	266	81899	8.414	ng	97
71) Phenanthrene	17.222	178	789234	9.577	ng	99
72) Anthracene	17.316	178	774769	9.638	ng	100
73) Carbazole	17.586	167	727296	9.026	ng	99
74) Di-n-butylphthalate	18.163	149	823152	8.950	ng	99
75) Fluoranthene	19.198	202	870486	9.204	ng	95
77) Benzidine	19.381	184	460554	10.900	ng	99
78) Pyrene	19.545	202	907844	9.470	ng	100
80) Butylbenzylphthalate	20.445	149	344504	8.483	ng	94
81) Benzo(a)anthracene	21.263	228	855870	9.187	ng	100
82) 3,3'-Dichlorobenzidine	21.204	252	300618	11.654	ng	# 98
83) Chrysene	21.316	228	852971	9.457	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	541592	8.848	ng	# 98
85) Di-n-octyl phthalate	22.127	149	882002	8.589	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.074	276	989072	9.640	ng	# 88
88) Benzo(b)fluoranthene	22.916	252	883522	9.455	ng	# 96
89) Benzo(k)fluoranthene	22.963	252	852154	9.793	ng	# 96
90) Benzo(a)pyrene	23.527	252	833807	9.944	ng	# 94
91) Dibenzo(a,h)anthracene	26.098	278	857378	9.660	ng	# 93
92) Benzo(g,h,i)perylene	26.821	276	830803	9.617	ng	# 91

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

