

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
 Data File : BP006263.D
 Acq On : 21 Jul 2021 14:09
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 21 14:36:02 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	276407	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1096724	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	653315	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1297858	20.000	ng	# 0.00
76) Chrysene-d12	21.280	240	1344624	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	1426455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1903904	114.758	ng	-0.01
7) Phenol-d6	6.969	99	2524825	111.312	ng	-0.01
23) Nitrobenzene-d5	8.951	82	1404702	77.127	ng	-0.01
42) 2,4,6-Tribromophenol	15.922	330	617990	91.897	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2974128	69.293	ng	0.00
79) Terphenyl-d14	19.757	244	4575629	68.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	38875	5.604	ng	96
3) Pyridine	3.734	79	90864	4.705	ng	97
4) n-Nitrosodimethylamine	3.646	42	35392	5.405	ng	# 68
6) Aniline	7.128	93	140675	5.602	ng	99
8) 2-Chlorophenol	7.363	128	90371	4.933	ng	94
9) Benzaldehyde	6.946	77	84843	6.497	ng	95
10) Phenol	6.993	94	115537	5.134	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	92412	5.302	ng	98
12) 1,3-Dichlorobenzene	7.681	146	102132	5.089	ng	98
13) 1,4-Dichlorobenzene	7.834	146	105679	5.194	ng	99
14) 1,2-Dichlorobenzene	8.146	146	99721	5.117	ng	97
15) Benzyl Alcohol	8.040	79	77619	4.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	97935	5.577	ng	96
17) 2-Methylphenol	8.240	107	72337	4.846	ng	98
18) Hexachloroethane	8.869	117	36960	5.110	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	65239	4.695	ng	93
20) 3+4-Methylphenols	8.563	107	95586	4.755	ng	93
22) Acetophenone	8.622	105	135022	5.101	ng	# 97
24) Nitrobenzene	8.993	77	104713	5.408	ng	91
25) Isophorone	9.522	82	158995	4.279	ng	95
26) 2-Nitrophenol	9.704	139	32004	4.400	ng	95
27) 2,4-Dimethylphenol	9.769	122	76806	5.224	ng	99
28) bis(2-Chloroethoxy)met...	10.010	93	112673	5.372	ng	97
29) 2,4-Dichlorophenol	10.228	162	66393	4.375	ng	93
30) 1,2,4-Trichlorobenzene	10.446	180	84240	4.909	ng	99
31) Naphthalene	10.634	128	286793	4.982	ng	99
32) Benzoic acid	9.822	122	28993	3.178	ng	96
33) 4-Chloroaniline	10.746	127	110239	4.705	ng	98
34) Hexachlorobutadiene	10.922	225	48156	4.734	ng	99
35) Caprolactam	11.522	113	19698	4.313	ng	# 84
36) 4-Chloro-3-methylphenol	11.869	107	79512	4.501	ng	93
37) 2-Methylnaphthalene	12.245	142	197542	4.914	ng	97
38) 1-Methylnaphthalene	12.469	142	182083	4.789	ng	98
40) 1,2,4,5-Tetrachloroben...	12.616	216	88893	5.023	ng	98
41) Hexachlorocyclopentadiene	12.592	237	54587	5.634	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	47905	4.316	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	55220	4.631	ng	# 92
46) 1,1'-Biphenyl	13.263	154	250391	5.200	ng	97
47) 2-Chloronaphthalene	13.298	162	183260	4.943	ng	96
48) 2-Nitroaniline	13.510	65	38989	4.475	ng	89
49) Acenaphthylene	14.151	152	275080	4.661	ng	99
50) Dimethylphthalate	13.898	163	219375	4.786	ng	97
51) 2,6-Dinitrotoluene	14.010	165	36909	4.102	ng	91
52) Acenaphthene	14.492	154	174966	4.795	ng	97
53) 3-Nitroaniline	14.334	138	40080	4.205	ng	# 89
54) 2,4-Dinitrophenol	14.539	184	15296	4.008	ng	94
55) Dibenzofuran	14.828	168	276345	4.797	ng	99
56) 4-Nitrophenol	14.634	139	31066	3.673	ng	89
57) 2,4-Dinitrotoluene	14.792	165	42420	3.654	ng	# 78
58) Fluorene	15.481	166	217372	4.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	42355	4.102	ng	# 79
60) Diethylphthalate	15.269	149	221862	4.689	ng	98
61) 4-Chlorophenyl-phenyle...	15.481	204	105875	4.851	ng	93
62) 4-Nitroaniline	15.492	138	38756	3.893	ng	87
63) Azobenzene	15.775	77	211523	4.440	ng	93
65) 4,6-Dinitro-2-methylph...	15.551	198	19535	3.235	ng	71
66) n-Nitrosodiphenylamine	15.692	169	189491	4.759	ng	98
67) 4-Bromophenyl-phenylether	16.375	248	50279	3.845	ng	# 89
68) Hexachlorobenzene	16.480	284	70123	4.677	ng	94
69) Atrazine	16.657	200	60939	4.685	ng	97
70) Pentachlorophenol	16.828	266	33913	4.039	ng	98
71) Phenanthrene	17.222	178	351053	4.938	ng	99
72) Anthracene	17.316	178	335154	4.833	ng	99
73) Carbazole	17.586	167	313695	4.513	ng	98
74) Di-n-butylphthalate	18.163	149	338333	4.265	ng	99
75) Fluoranthene	19.198	202	387578	4.751	ng	94
77) Benzidine	19.386	184	185947	4.751	ng	98
78) Pyrene	19.551	202	405985	4.572	ng	98
80) Butylbenzylphthalate	20.445	149	143661	3.819	ng	93
81) Benzo(a)anthracene	21.263	228	407814	4.726	ng	100
82) 3,3'-Dichlorobenzidine	21.204	252	130080	5.444	ng	# 97
83) Chrysene	21.316	228	407194	4.874	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	234065	4.129	ng	# 97
85) Di-n-octyl phthalate	22.133	149	396265	4.166	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.080	276	490261	4.851	ng	# 89
88) Benzo(b)fluoranthene	22.921	252	437683	4.755	ng	# 95
89) Benzo(k)fluoranthene	22.968	252	412554	4.814	ng	# 95
90) Benzo(a)pyrene	23.533	252	399711	4.840	ng	# 95
91) Dibenzo(a,h)anthracene	26.104	278	422471	4.833	ng	# 93
92) Benzo(g,h,i)perylene	26.827	276	414736	4.874	ng	# 91

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

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