

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129296.D
 Acq On : 21 Jul 2022 14:18
 Operator : CG\JU
 Sample : N3214-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jul 21 14:40:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	174760	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	650067	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	345425	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	590903	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	442761	20.000	ng	-0.01
86) Perylene-d12	15.562	264	346392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1176859	109.836	ng	0.00
7) Phenol-d6	6.522	99	1582346	115.850	ng	0.00
23) Nitrobenzene-d5	7.457	82	1090116	90.218	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	414927	124.504	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1850187	82.398	ng	0.00
79) Terphenyl-d14	13.016	244	1846653	77.678	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	32761	6.896	ng	90
3) Pyridine	3.557	79	79521m	6.062	ng	
4) n-Nitrosodimethylamine	3.422	42	44406	7.540	ng	97
6) Aniline	6.557	93	138637	8.249	ng	99
8) 2-Chlorophenol	6.681	128	90025	7.664	ng	94
9) Benzaldehyde	6.445	77	76316	8.145	ng	97
10) Phenol	6.534	94	109207	7.608	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	86638	7.625	ng	93
12) 1,3-Dichlorobenzene	6.834	146	99165	7.833	ng	99
13) 1,4-Dichlorobenzene	6.910	146	101020	7.886	ng	98
14) 1,2-Dichlorobenzene	7.063	146	93920	7.935	ng	97
15) Benzyl Alcohol	7.028	79	91267	9.210	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	124814	7.205	ng	93
17) 2-Methylphenol	7.139	107	71802	7.501	ng	99
18) Hexachloroethane	7.404	117	37030	7.705	ng	# 87
19) n-Nitroso-di-n-propyla...	7.298	70	64626	7.941	ng	95
20) 3+4-Methylphenols	7.292	107	93423	7.483	ng	# 88
22) Acetophenone	7.298	105	133709	8.760	ng	99
24) Nitrobenzene	7.475	77	100671	8.089	ng	96
25) Isophorone	7.710	82	173519	8.179	ng	99
26) 2-Nitrophenol	7.792	139	46679	7.773	ng	92
27) 2,4-Dimethylphenol	7.822	122	80181	8.876	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	105452	8.581	ng	98
29) 2,4-Dichlorophenol	8.028	162	73869	7.861	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	81728	8.369	ng	97
31) Naphthalene	8.198	128	270460	8.112	ng	99
32) Benzoic acid	7.892	122	48198	7.299	ng	97
33) 4-Chloroaniline	8.245	127	111156	8.174	ng	98
34) Hexachlorobutadiene	8.310	225	46284	8.292	ng	99
35) Caprolactam	8.586	113	22183	7.402	ng	# 82
36) 4-Chloro-3-methylphenol	8.716	107	79795	7.993	ng	96
37) 2-Methylnaphthalene	8.886	142	173415	8.027	ng	100
38) 1-Methylnaphthalene	8.986	142	166548	7.968	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	76268	8.410	ng	99
41) Hexachlorocyclopentadiene	9.039	237	32926	8.237	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	49867	7.525	ng	96

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44) 2,4,5-Trichlorophenol	9.204	196	52272	7.271	ng	# 93
46) 1,1'-Biphenyl	9.351	154	216449	8.480	ng	98
47) 2-Chloronaphthalene	9.380	162	168303	8.232	ng	97
48) 2-Nitroaniline	9.469	65	52476	7.642	ng	98
49) Acenaphthylene	9.792	152	268673	8.557	ng	99
50) Dimethylphthalate	9.645	163	186620	7.864	ng	99
51) 2,6-Dinitrotoluene	9.710	165	40108	7.548	ng	87
52) Acenaphthene	9.969	154	166225	8.158	ng	100
53) 3-Nitroaniline	9.880	138	44754	7.078	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	22314	8.299	ng	95
55) Dibenzofuran	10.139	168	234638	8.286	ng	99
56) 4-Nitrophenol	10.033	139	33013	7.150	ng	93
57) 2,4-Dinitrotoluene	10.116	165	54632	7.843	ng	92
58) Fluorene	10.480	166	184327	8.156	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	40400	7.289	ng	92
60) Diethylphthalate	10.345	149	180308	7.897	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	81976	8.291	ng	96
62) 4-Nitroaniline	10.492	138	44793	7.173	ng	95
63) Azobenzene	10.633	77	183413	7.764	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	22581	6.213	ng	91
66) n-Nitrosodiphenylamine	10.592	169	156641	8.018	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	50753	7.960	ng	# 92
68) Hexachlorobenzene	11.027	284	56863	8.143	ng	95
69) Atrazine	11.110	200	47686	7.987	ng	96
70) Pentachlorophenol	11.222	266	25159	6.553	ng	96
71) Phenanthrene	11.445	178	260325	8.027	ng	99
72) Anthracene	11.498	178	269474	8.385	ng	98
73) Carbazole	11.651	167	246263	8.215	ng	99
74) Di-n-butylphthalate	11.980	149	276723	7.989	ng	97
75) Fluoranthene	12.639	202	267036	8.079	ng	99
77) Benzidine	12.757	184	137279	7.780	ng	99
78) Pyrene	12.868	202	275149	7.266	ng	97
80) Butylbenzylphthalate	13.480	149	105743	6.843	ng	95
81) Benzo(a)anthracene	14.057	228	228656	7.500	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	78824	7.876	ng	99
83) Chrysene	14.092	228	216110	7.510	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	135213	7.125	ng	98
85) Di-n-octyl phthalate	14.651	149	185675	6.837	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	148580	6.257	ng	99
88) Benzo(b)fluoranthene	15.115	252	187023	8.112	ng	98
89) Benzo(k)fluoranthene	15.145	252	179645	8.025	ng	98
90) Benzo(a)pyrene	15.498	252	164938	8.842	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	125874	6.577	ng	99
92) Benzo(g,h,i)perylene	17.527	276	127128	6.392	ng	96

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

Manual Integrations

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