Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
Data File : BF132157.D
Acq On : 20 Jan 2023 12:09
Operator : CG\JU
Sample : N3980-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Jan 21 02:31:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 02:30:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	199039	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	693896	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	372010	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	750946	20.000	ng	0.00
76) Chrysene-d12	14.307	240	543004	20.000	ng	0.00
86) Perylene-d12	15.901	264	416496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1072813	94.156	ng	0.00
7) Phenol-d6	6.701	99	1367022	95.310	ng	0.00
23) Nitrobenzene-d5	7.654	82	893312	68.390	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	419046	105.457	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1545632	60.711	ng	0.00
79) Terphenyl-d14	13.236	244	1837620	56.689	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	54559	9.452	ng	99
3) Pyridine	3.801	79	129025	8.326	ng	99
4) n-Nitrosodimethylamine	3.725	42	62903	8.631	ng	99
6) Aniline	6.754	93	181633	9.143	ng	97
8) 2-Chlorophenol	6.872	128	118401	9.886	ng	98
9) Benzaldehyde	6.642	77	106587	11.551	ng	99
10) Phenol	6.713	94	143264	9.595	ng	98
11) bis(2-Chloroethyl)ether	6.819	93	121988	9.651	ng	95
12) 1,3-Dichlorobenzene	7.031	146	136486	10.195	ng	97
13) 1,4-Dichlorobenzene	7.107	146	138872	10.395	ng	97
14) 1,2-Dichlorobenzene	7.260	146	125412	10.153	ng	98
15) Benzyl Alcohol	7.219	79	93462	8.519	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.354	45	179611	9.777	ng	97
17) 2-Methylphenol	7.319	107	93046	8.868	ng	99
18) Hexachloroethane	7.607	117	49108	10.241	ng	92
19) n-Nitroso-di-n-propyla...	7.489	70	85640	9.748	ng	98
20) 3+4-Methylphenols	7.472	107	123253	9.322	ng	91
22) Acetophenone	7.489	105	174115	10.440	ng	97
24) Nitrobenzene	7.672	77	133517	9.654	ng	93
25) Isophorone	7.901	82	235031	9.196	ng	99
26) 2-Nitrophenol	7.984	139	45867	10.426	ng	95
27) 2,4-Dimethylphenol	8.007	122	80171	7.249	ng	97
28) bis(2-Chloroethoxy)met...	8.113	93	149276	9.735	ng	99
29) 2,4-Dichlorophenol	8.219	162	99927	9.518	ng	97
30) 1,2,4-Trichlorobenzene	8.313	180	117535	9.856	ng	96
31) Naphthalene	8.401	128	350581	9.838	ng	98
32) Benzoic acid	8.054	122	47166	7.283	ng	94
33) 4-Chloroaniline	8.436	127	143621	9.418	ng	99
34) Hexachlorobutadiene	8.513	225	77684	9.697	ng	98
35) Caprolactam	8.778	113	40074	13.460	ng	99
36) 4-Chloro-3-methylphenol	8.907	107	100968	9.556	ng	96
37) 2-Methylnaphthalene	9.089	142	235055	9.580	ng	99
38) 1-Methylnaphthalene	9.189	142	227056	9.946	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	127263	9.832	ng	99
41) Hexachlorocyclopentadiene	9.242	237	56103	7.943	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	73320	9.127	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.401	196	81238	8.647	ng		96
46) 1,1'-Biphenyl	9.554	154	298246	10.162	ng		100
47) 2-Chloronaphthalene	9.583	162	227716	10.037	ng		99
48) 2-Nitroaniline	9.672	65	61853	9.469	ng		98
49) Acenaphthylene	10.001	152	351040	9.672	ng		99
50) Dimethylphthalate	9.848	163	260595	9.672	ng		99
51) 2,6-Dinitrotoluene	9.913	165	50332	9.638	ng		98
52) Acenaphthene	10.177	154	215313	9.863	ng		99
53) 3-Nitroaniline	10.083	138	54428	9.748	ng		91
54) 2,4-Dinitrophenol	10.183	184	16396	8.143	ng	#	1
55) Dibenzofuran	10.348	168	331547	9.827	ng		98
56) 4-Nitrophenol	10.219	139	39245	9.658	ng		97
57) 2,4-Dinitrotoluene	10.313	165	59321	9.463	ng		98
58) Fluorene	10.695	166	256421	10.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	68172	9.539	ng		98
60) Diethylphthalate	10.554	149	252292	9.549	ng		99
61) 4-Chlorophenyl-phenyle...	10.683	204	128179	9.575	ng		97
62) 4-Nitroaniline	10.695	138	50955	9.803	ng		91
63) Azobenzene	10.842	77	251267	9.476	ng		98
65) 4,6-Dinitro-2-methylph...	10.725	198	31789	9.764	ng		94
66) n-Nitrosodiphenylamine	10.795	169	223691	9.301	ng		98
67) 4-Bromophenyl-phenylether	11.177	248	83721	9.147	ng		92
68) Hexachlorobenzene	11.242	284	88022	9.676	ng		93
69) Atrazine	11.319	200	76679	10.334	ng		100
70) Pentachlorophenol	11.436	266	68266	11.678	ng		97
71) Phenanthrene	11.666	178	386977	9.820	ng		99
72) Anthracene	11.719	178	380294	9.539	ng		99
73) Carbazole	11.866	167	343368	10.083	ng		98
74) Di-n-butylphthalate	12.195	149	377016	9.945	ng		98
75) Fluoranthene	12.866	202	423057	10.451	ng		98
77) Benzidine	12.983	184	162155	9.946	ng		97
78) Pyrene	13.095	202	435178	8.696	ng		99
80) Butylbenzylphthalate	13.707	149	127217	8.772	ng		96
81) Benzo(a)anthracene	14.295	228	352635	9.090	ng		99
82) 3,3'-Dichlorobenzidine	14.248	252	99397	9.201	ng	#	97
83) Chrysene	14.330	228	337022	9.127	ng		100
84) Bis(2-ethylhexyl)phtha...	14.265	149	173357	9.053	ng		99
85) Di-n-octyl phthalate	14.907	149	200090	11.999	ng		100
87) Indeno(1,2,3-cd)pyrene	17.559	276	216826	7.174	ng		98
88) Benzo(b)fluoranthene	15.418	252	251920	9.934	ng		99
89) Benzo(k)fluoranthene	15.448	252	269002	10.401	ng		97
90) Benzo(a)pyrene	15.830	252	203150	8.328	ng		99
91) Dibenzo(a,h)anthracene	17.583	278	190937	7.746	ng		99
92) Benzo(g,h,i)perylene	18.059	276	193396	7.456	ng		100

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

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