Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
Data File : BM038511.D
Acq On : 23 Jan 2023 16:15
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 24 05:13:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 01:21:49 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	49329	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	240465	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	145981	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	334567	20.000	ng	#	0.00
76) Chrysene-d12	21.515	240	367964	20.000	ng		0.00
86) Perylene-d12	23.933	264	457171	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	457109	153.188	ng		0.00
7) Phenol-d6	7.128	99	578177	151.864	ng		0.00
23) Nitrobenzene-d5	9.140	82	265666	47.976	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	262335	124.792	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	864180	72.921	ng		0.00
79) Terphenyl-d14	19.957	244	1339591	70.973	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	9251m	6.610	ng		
3) Pyridine	3.811	79	21310m	5.797	ng		
4) n-Nitrosodimethylamine	3.705	42	12120	6.946	ng	#	90
6) Aniline	7.293	93	33372	7.062	ng		98
8) 2-Chlorophenol	7.522	128	23940	7.854	ng		92
9) Benzaldehyde	7.110	77	19964m	8.840	ng		
10) Phenol	7.157	94	29358	7.717	ng		94
11) bis(2-Chloroethyl)ether	7.387	93	23812	7.933	ng		98
12) 1,3-Dichlorobenzene	7.852	146	19122	5.518	ng		94
13) 1,4-Dichlorobenzene	7.999	146	19734	5.636	ng		95
14) 1,2-Dichlorobenzene	8.316	146	19539	5.761	ng		92
15) Benzyl Alcohol	8.216	79	13432	4.719	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.499	45	14544	4.614	ng		93
17) 2-Methylphenol	8.416	107	11879	4.412	ng		98
18) Hexachloroethane	9.040	117	7451	5.724	ng		95
19) n-Nitroso-di-n-propyla...	8.775	70	12329	4.590	ng	#	94
20) 3+4-Methylphenols	8.740	107	16119	4.467	ng		98
22) Acetophenone	8.799	105	21057	3.179	ng	#	95
24) Nitrobenzene	9.181	77	21121m	3.770	ng		
25) Isophorone	9.704	82	34231	3.746	ng	#	94
26) 2-Nitrophenol	9.898	139	9731	4.375	ng		92
27) 2,4-Dimethylphenol	9.945	122	13131	3.548	ng		96
28) bis(2-Chloroethoxy)met...	10.187	93	27043	5.059	ng	#	89
29) 2,4-Dichlorophenol	10.428	162	20815	4.794	ng		94
30) 1,2,4-Trichlorobenzene	10.640	180	29636	5.968	ng		99
31) Naphthalene	10.828	128	66192	5.067	ng		98
32) Benzoic acid	10.028	122	6487m	7.567	ng		
33) 4-Chloroaniline	10.945	127	25247	4.630	ng		96
34) Hexachlorobutadiene	11.098	225	17975	5.503	ng		91
35) Caprolactam	11.728	113	3131	2.974	ng		96
36) 4-Chloro-3-methylphenol	12.063	107	18473	4.678	ng		93
37) 2-Methylnaphthalene	12.434	142	44215	4.710	ng		97
38) 1-Methylnaphthalene	12.651	142	42480	4.798	ng		94
40) 1,2,4,5-Tetrachloroben...	12.798	216	25742	4.688	ng		97
41) Hexachlorocyclopentadiene	12.769	237	13047	4.323	ng		95
43) 2,4,6-Trichlorophenol	13.039	196	17633	5.016	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	19690	4.782	ng		96
46) 1,1'-Biphenyl	13.439	154	52317	4.475	ng		98
47) 2-Chloronaphthalene	13.481	162	49842	5.461	ng		96
48) 2-Nitroaniline	13.698	65	10960	4.089	ng		90
49) Acenaphthylene	14.328	152	69139	4.842	ng		98
50) Dimethylphthalate	14.057	163	57608	5.126	ng	#	99
51) 2,6-Dinitrotoluene	14.186	165	10474	4.429	ng		94
52) Acenaphthene	14.663	154	44129	5.067	ng		97
53) 3-Nitroaniline	14.522	138	9344	3.976	ng	#	97
54) 2,4-Dinitrophenol	14.733	184	5834	7.828	ng		90
55) Dibenzofuran	14.998	168	74472	5.115	ng		96
56) 4-Nitrophenol	14.828	139	7306	3.775	ng		92
57) 2,4-Dinitrotoluene	14.975	165	13774	4.297	ng	#	96
58) Fluorene	15.645	166	58200	4.930	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	16537	4.914	ng		98
60) Diethylphthalate	15.416	149	54691	4.970	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	32008	5.164	ng		98
62) 4-Nitroaniline	15.675	138	8825	6.431	ng		96
63) Azobenzene	15.933	77	54632	4.686	ng		99
65) 4,6-Dinitro-2-methylph...	15.733	198	8381	3.859	ng		95
66) n-Nitrosodiphenylamine	15.851	169	48265	4.805	ng		100
67) 4-Bromophenyl-phenylether	16.533	248	19200	5.174	ng		95
68) Hexachlorobenzene	16.645	284	23340	5.828	ng		100
69) Atrazine	16.798	200	14955	4.463	ng		98
70) Pentachlorophenol	16.992	266	12499	4.384	ng		91
71) Phenanthrene	17.386	178	97527	5.220	ng		98
72) Anthracene	17.474	178	91827	4.830	ng		99
73) Carbazole	17.751	167	82010	4.898	ng		98
74) Di-n-butylphthalate	18.298	149	82543	4.488	ng		98
75) Fluoranthene	19.398	202	109897	4.894	ng		97
77) Benzidine	19.586	184	29776	3.551	ng		97
78) Pyrene	19.757	202	118911	4.641	ng		99
80) Butylbenzylphthalate	20.645	149	35448	4.001	ng		94
81) Benzo(a)anthracene	21.504	228	132324	5.075	ng		98
82) 3,3'-Dichlorobenzidine	21.439	252	39587	4.727	ng	#	98
83) Chrysene	21.557	228	130311	5.111	ng		99
84) Bis(2-ethylhexyl)phtha...	21.415	149	52731	4.107	ng		100
85) Di-n-octyl phthalate	22.339	149	94409	4.135	ng		100
87) Indeno(1,2,3-cd)pyrene	26.444	276	170550	5.041	ng		97
88) Benzo(b)fluoranthene	23.192	252	142742	5.176	ng		99
89) Benzo(k)fluoranthene	23.245	252	149794	5.249	ng		99
90) Benzo(a)pyrene	23.827	252	128443	4.698	ng		98
91) Dibenzo(a,h)anthracene	26.456	278	149640	5.314	ng	#	95
92) Benzo(g,h,i)perylene	27.221	276	153109	5.308	ng		98

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

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