Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
Data File : BM038522.D
Acq On : 24 Jan 2023 12:30
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 25 03:13:59 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
01/25/2023
Supervised By :Jagrut Upadhyay
01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	69318	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	237568	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	151092	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	351254	20.000	ng		0.00
76) Chrysene-d12	21.515	240	394864	20.000	ng		0.00
86) Perylene-d12	23.927	264	474905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	330015	78.704	ng		0.00
7) Phenol-d6	7.128	99	534847	99.972	ng		0.00
23) Nitrobenzene-d5	9.140	82	361024	65.992	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	240107	110.355	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	816062	66.532	ng		0.00
79) Terphenyl-d14	19.957	244	1332284	65.777	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	16548	8.414	ng		95
3) Pyridine	3.799	79	37811m	7.320	ng		
4) n-Nitrosodimethylamine	3.705	42	21128	8.616	ng		93
6) Aniline	7.293	93	58772	8.850	ng		100
8) 2-Chlorophenol	7.522	128	41365	9.657	ng		96
9) Benzaldehyde	7.105	77	34613m	10.907	ng		
10) Phenol	7.152	94	51039	9.547	ng		96
11) bis(2-Chloroethyl)ether	7.387	93	38904	9.223	ng		96
12) 1,3-Dichlorobenzene	7.852	146	48867	10.035	ng		98
13) 1,4-Dichlorobenzene	7.999	146	48463	9.849	ng		98
14) 1,2-Dichlorobenzene	8.316	146	46838	9.827	ng		96
15) Benzyl Alcohol	8.210	79	35877	8.969	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	40718	9.193	ng		96
17) 2-Methylphenol	8.410	107	30006	7.930	ng		99
18) Hexachloroethane	9.040	117	17451	9.540	ng		96
19) n-Nitroso-di-n-propyla...	8.775	70	32107	8.654	ng		98
20) 3+4-Methylphenols	8.740	107	39602	7.809	ng		96
22) Acetophenone	8.793	105	55263	8.444	ng	#	98
24) Nitrobenzene	9.181	77	52157	9.422	ng		99
25) Isophorone	9.704	82	80091	8.871	ng		99
26) 2-Nitrophenol	9.893	139	19324	8.795	ng		95
27) 2,4-Dimethylphenol	9.946	122	19970	5.461	ng		92
28) bis(2-Chloroethoxy)met...	10.187	93	47420	8.979	ng		99
29) 2,4-Dichlorophenol	10.422	162	37361	8.709	ng		98
30) 1,2,4-Trichlorobenzene	10.634	180	46148	9.406	ng		99
31) Naphthalene	10.828	128	113000	8.756	ng		99
32) Benzoic acid	10.040	122	22537	12.543	ng		94
33) 4-Chloroaniline	10.946	127	43293	8.037	ng	#	92
34) Hexachlorobutadiene	11.098	225	31287	9.695	ng		96
35) Caprolactam	11.722	113	10652	10.242	ng		92
36) 4-Chloro-3-methylphenol	12.063	107	34006	8.717	ng		94
37) 2-Methylnaphthalene	12.428	142	79419	8.563	ng		99
38) 1-Methylnaphthalene	12.651	142	74877	8.560	ng		98
40) 1,2,4,5-Tetrachloroben...	12.798	216	48692	8.567	ng		99
41) Hexachlorocyclopentadiene	12.769	237	30320	9.706	ng		96
43) 2,4,6-Trichlorophenol	13.040	196	32682	8.983	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.110	196	35403	8.308	ng		98
46)	1,1'-Biphenyl	13.434	154	97791	8.082	ng		98
47)	2-Chloronaphthalene	13.481	162	87801	9.295	ng		99
48)	2-Nitroaniline	13.692	65	21725	7.832	ng		96
49)	Acenaphthylene	14.322	152	127186	8.606	ng		98
50)	Dimethylphthalate	14.057	163	102381	8.803	ng		100
51)	2,6-Dinitrotoluene	14.187	165	20257	8.276	ng		96
52)	Acenaphthene	14.663	154	79095	8.775	ng		96
53)	3-Nitroaniline	14.516	138	17846	7.337	ng		98
54)	2,4-Dinitrophenol	14.728	184	11787	10.644	ng		91
55)	Dibenzofuran	14.998	168	135852	9.015	ng		99
56)	4-Nitrophenol	14.822	139	16827	8.401	ng		93
57)	2,4-Dinitrotoluene	14.969	165	27157	8.185	ng	#	84
58)	Fluorene	15.645	166	106835	8.743	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.222	232	30609	8.788	ng		100
60)	Diethylphthalate	15.410	149	99146	8.705	ng		96
61)	4-Chlorophenyl-phenyle...	15.633	204	58373	9.099	ng		99
62)	4-Nitroaniline	15.675	138	18845	9.646	ng		96
63)	Azobenzene	15.928	77	102665	8.507	ng		99
65)	4,6-Dinitro-2-methylph...	15.733	198	21946	9.625	ng		93
66)	n-Nitrosodiphenylamine	15.851	169	89070	8.447	ng		99
67)	4-Bromophenyl-phenylether	16.528	248	34018	8.731	ng		94
68)	Hexachlorobenzene	16.645	284	40730	9.688	ng		97
69)	Atrazine	16.798	200	29434	8.367	ng		97
70)	Pentachlorophenol	16.992	266	32842	10.971	ng		97
71)	Phenanthrene	17.380	178	173990	8.870	ng		99
72)	Anthracene	17.475	178	167828	8.408	ng		99
73)	Carbazole	17.745	167	151751	8.633	ng		98
74)	Di-n-butylphthalate	18.298	149	157331	8.147	ng		99
75)	Fluoranthene	19.392	202	213359	9.050	ng		98
77)	Benzidine	19.586	184	67834	7.539	ng		99
78)	Pyrene	19.757	202	229184	8.336	ng		99
80)	Butylbenzylphthalate	20.645	149	70685	7.435	ng		99
81)	Benzo(a)anthracene	21.498	228	250031	8.936	ng		100
82)	3,3'-Dichlorobenzidine	21.433	252	79552	8.852	ng		98
83)	Chrysene	21.551	228	240358	8.784	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.410	149	102892	7.467	ng		98
85)	Di-n-octyl phthalate	22.339	149	183304	7.482	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.439	276	310976	8.849	ng		98
88)	Benzo(b)fluoranthene	23.186	252	267147	9.325	ng		98
89)	Benzo(k)fluoranthene	23.233	252	274702	9.267	ng		99
90)	Benzo(a)pyrene	23.821	252	242641	8.543	ng	#	98
91)	Dibenzo(a,h)anthracene	26.450	278	270697	9.254	ng		98
92)	Benzo(g,h,i)perylene	27.209	276	277657	9.267	ng		98

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

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