Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039040.D
Acq On : 20 Mar 2023 12:15
Operator : CG/JU
Sample : 01627-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 04:05:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	378483	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1596134	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	981897	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2092623	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1982159	20.000	ng		0.00
86) Perylene-d12	23.968	264	2022109	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2596234	104.217	ng		0.00
7) Phenol-d6	7.134	99	3450751	106.643	ng		0.00
23) Nitrobenzene-d5	9.139	82	2579976	79.399	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	1245844	109.679	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	5484796	72.717	ng		0.00
79) Terphenyl-d14	19.980	244	8272389	76.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	76111	6.868	ng		98
3) Pyridine	3.804	79	178301	5.801	ng		95
4) n-Nitrosodimethylamine	3.710	42	88040	7.039	ng	#	92
6) Aniline	7.298	93	291061	6.851	ng		98
8) 2-Chlorophenol	7.534	128	185061	6.978	ng		99
9) Benzaldehyde	7.104	77	178022m	11.561	ng		
10) Phenol	7.157	94	238856	6.951	ng		97
11) bis(2-Chloroethyl)ether	7.392	93	197780	7.079	ng		100
12) 1,3-Dichlorobenzene	7.863	146	200124	7.100	ng		98
13) 1,4-Dichlorobenzene	8.010	146	200604	6.998	ng		96
14) 1,2-Dichlorobenzene	8.328	146	198510	7.189	ng		99
15) Benzyl Alcohol	8.210	79	162650	7.013	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	274907	7.791	ng		99
17) 2-Methylphenol	8.416	107	153572	6.506	ng		99
18) Hexachloroethane	9.057	117	76231	7.208	ng		99
19) n-Nitroso-di-n-propyla...	8.781	70	160171	7.859	ng		96
20) 3+4-Methylphenols	8.739	107	198809	6.308	ng		98
22) Acetophenone	8.798	105	311589	6.958	ng	#	97
24) Nitrobenzene	9.181	77	242125	7.089	ng		99
25) Isophorone	9.710	82	425425	7.115	ng		99
26) 2-Nitrophenol	9.898	139	85904	8.332	ng		99
27) 2,4-Dimethylphenol	9.951	122	170641	6.549	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	269338	7.010	ng		100
29) 2,4-Dichlorophenol	10.428	162	153510	6.215	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	173232	6.418	ng		99
31) Naphthalene	10.833	128	596602	6.555	ng		99
32) Benzoic acid	10.022	122	70752	8.992	ng		96
33) 4-Chloroaniline	10.945	127	248979	6.419	ng		98
34) Hexachlorobutadiene	11.122	225	97280	6.284	ng		96
35) Caprolactam	11.716	113	53205	7.077	ng		99
36) 4-Chloro-3-methylphenol	12.063	107	177825	6.761	ng		99
37) 2-Methylnaphthalene	12.439	142	401188	6.577	ng		100
38) 1-Methylnaphthalene	12.663	142	375829	6.574	ng		100
40) 1,2,4,5-Tetrachloroben...	12.810	216	190311	5.962	ng		99
41) Hexachlorocyclopentadiene	12.786	237	107556	6.138	ng		100
43) 2,4,6-Trichlorophenol	13.045	196	117793	5.699	ng		98

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44) 2,4,5-Trichlorophenol	13.116	196	129727	5.362	ng	99
46) 1,1'-Biphenyl	13.451	154	566428	6.809	ng	99
47) 2-Chloronaphthalene	13.492	162	407205	6.492	ng	99
48) 2-Nitroaniline	13.692	65	115669	7.709	ng	95
49) Acenaphthylene	14.333	152	632100	6.326	ng	100
50) Dimethylphthalate	14.069	163	514754	6.813	ng	100
51) 2,6-Dinitrotoluene	14.186	165	99451	7.286	ng	93
52) Acenaphthene	14.674	154	394879	6.431	ng	99
53) 3-Nitroaniline	14.516	138	110671	7.067	ng	96
54) 2,4-Dinitrophenol	14.716	184	41455	9.227	ng	92
55) Dibenzofuran	15.010	168	634624	6.605	ng	99
56) 4-Nitrophenol	14.810	139	91064	6.069	ng	91
57) 2,4-Dinitrotoluene	14.968	165	125998	7.554	ng	90
58) Fluorene	15.657	166	504343	6.701	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	120735	6.470	ng	97
60) Diethylphthalate	15.427	149	511105	6.952	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	240429	6.502	ng	95
62) 4-Nitroaniline	15.674	138	112438	7.198	ng	97
63) Azobenzene	15.945	77	534277	6.868	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	60010	8.989	ng	99
66) n-Nitrosodiphenylamine	15.863	169	425184	6.027	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	135200	5.982	ng	93
68) Hexachlorobenzene	16.657	284	158677	6.280	ng	96
69) Atrazine	16.815	200	139306	7.229	ng	99
70) Pentachlorophenol	17.004	266	88733	4.775	ng	97
71) Phenanthrene	17.398	178	797922	6.497	ng	99
72) Anthracene	17.486	178	765194	6.248	ng	99
73) Carbazole	17.757	167	733971	6.566	ng	99
74) Di-n-butylphthalate	18.327	149	823770	7.614	ng	99
75) Fluoranthene	19.409	202	854643	6.591	ng	98
77) Benzidine	19.598	184	435464	13.535	ng	99
78) Pyrene	19.774	202	914254	6.141	ng	99
80) Butylbenzylphthalate	20.668	149	353724	8.518	ng	94
81) Benzo(a)anthracene	21.521	228	919245	6.440	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	325973	7.430	ng	99
83) Chrysene	21.574	228	887515	6.393	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	544532	8.126	ng	99
85) Di-n-octyl phthalate	22.386	149	878512	9.123	ng	98
87) Indeno(1,2,3-cd)pyrene	26.497	276	908267	5.903	ng	97
88) Benzo(b)fluoranthene	23.221	252	889388	6.885	ng	98
89) Benzo(k)fluoranthene	23.274	252	853066	6.345	ng	99
90) Benzo(a)pyrene	23.862	252	722977	5.815	ng	98
91) Dibenzo(a,h)anthracene	26.515	278	771432	5.920	ng	97
92) Benzo(g,h,i)perylene	27.274	276	722499	5.667	ng	98

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

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