Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
Data File : BM031039.D
Acq On : 21 Jul 2021 11:10
Operator : CG/JU
Sample : M2940-02
Misc : LOQ-SOIL-5PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 21 11:42:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:41:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	47014	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	204723	20.00	ng		# 0.00
39) Acenaphthene-d10	14.268	164	147849	20.00	ng		0.00
64) Phenanthrene-d10	17.009	188	353004	20.00	ng		-0.01
76) Chrysene-d12	21.203	240	436451	20.00	ng		0.00
86) Perylene-d12	23.380	264	518238	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	299018	114.21	ng		0.00
7) Phenol-d6	6.816	99	418793	110.34	ng		0.00
23) Nitrobenzene-d5	8.781	82	296277	72.66	ng		-0.01
42) 2,4,6-Tribromophenol	15.762	330	215364	111.55	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	695391	70.18	ng		0.00
79) Terphenyl-d14	19.656	244	1535589	69.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	5784	5.50	ng	#	93
3) Pyridine	3.634	79	13218m	4.44	ng		
4) n-Nitrosodimethylamine	3.546	42	8190	4.84	ng	#	77
6) Aniline	6.975	93	21153	5.19	ng		98
8) 2-Chlorophenol	7.204	128	14101	4.58	ng		98
9) Benzaldehyde	6.792	77	14502	6.41	ng		94
10) Phenol	6.840	94	17240	4.69	ng		78
11) bis(2-Chloroethyl)ether	7.075	93	13159	4.83	ng		97
12) 1,3-Dichlorobenzene	7.522	146	15850	4.73	ng	#	94
13) 1,4-Dichlorobenzene	7.675	146	16821	4.93	ng		92
14) 1,2-Dichlorobenzene	7.981	146	15590	4.68	ng		96
15) Benzyl Alcohol	7.875	79	14949	4.68	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	17301	5.08	ng		97
17) 2-Methylphenol	8.075	107	11826	4.60	ng		93
18) Hexachloroethane	8.698	117	6353	4.83	ng		85
19) n-Nitroso-di-n-propyla...	8.434	70	11807	4.40	ng	#	98
20) 3+4-Methylphenols	8.398	107	16229	4.46	ng		93
22) Acetophenone	8.451	105	24547	4.84	ng	#	94
24) Nitrobenzene	8.822	77	19626	4.77	ng		96
25) Isophorone	9.345	82	29856	4.09	ng		98
26) 2-Nitrophenol	9.528	139	7185	4.14	ng		96
27) 2,4-Dimethylphenol	9.592	122	13468	4.93	ng		91
28) bis(2-Chloroethoxy)met...	9.833	93	17899	4.87	ng		95
29) 2,4-Dichlorophenol	10.051	162	13407	4.15	ng		96
30) 1,2,4-Trichlorobenzene	10.269	180	15541	4.38	ng		95
31) Naphthalene	10.451	128	47803	4.54	ng		97
32) Benzoic acid	9.645	122	7083	3.04	ng		88
33) 4-Chloroaniline	10.569	127	20985	4.62	ng		95
34) Hexachlorobutadiene	10.739	225	10092	4.43	ng		97
35) Caprolactam	11.333	113	4430	4.08	ng	#	77
36) 4-Chloro-3-methylphenol	11.692	107	15238	4.13	ng		87
37) 2-Methylnaphthalene	12.069	142	36512	4.50	ng	#	92
38) 1-Methylnaphthalene	12.286	142	32939	4.26	ng		97
40) 1,2,4,5-Tetrachloroben...	12.439	216	19468	4.73	ng	#	98
41) Hexachlorocyclopentadiene	12.416	237	12466	5.44	ng		95
43) 2,4,6-Trichlorophenol	12.686	196	11612	4.01	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13418	4.19	ng	#	88
46) 1,1'-Biphenyl	13.092	154	49286	4.70	ng		98
47) 2-Chloronaphthalene	13.133	162	37449	4.56	ng		97
48) 2-Nitroaniline	13.345	65	9571	3.66	ng		97
49) Acenaphthylene	13.986	152	58126	4.43	ng		99
50) Dimethylphthalate	13.733	163	49386	4.45	ng		97
51) 2,6-Dinitrotoluene	13.851	165	9375	3.77	ng	#	77
52) Acenaphthene	14.327	154	37048	4.49	ng		96
53) 3-Nitroaniline	14.174	138	9930	3.96	ng		84
54) 2,4-Dinitrophenol	14.380	184	4906	3.35	ng		88
55) Dibenzofuran	14.668	168	61280	4.52	ng		95
56) 4-Nitrophenol	14.486	139	7953	3.58	ng	#	72
57) 2,4-Dinitrotoluene	14.639	165	12922	3.74	ng	#	74
58) Fluorene	15.315	166	49506	4.33	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.892	232	11886m	3.98	ng		
60) Diethylphthalate	15.104	149	53174	4.47	ng		95
61) 4-Chlorophenyl-phenyle...	15.321	204	25756	4.55	ng	#	83
62) 4-Nitroaniline	15.339	138	11269	4.07	ng	#	83
63) Azobenzene	15.610	77	50452	4.26	ng		92
65) 4,6-Dinitro-2-methylph...	15.398	198	7022	3.17	ng		92
66) n-Nitrosodiphenylamine	15.533	169	43432	4.19	ng		99
67) 4-Bromophenyl-phenylether	16.215	248	14810	4.05	ng	#	89
68) Hexachlorobenzene	16.315	284	17389	4.23	ng	#	88
69) Atrazine	16.492	200	16479	4.33	ng		93
70) Pentachlorophenol	16.662	266	10347	3.85	ng		96
71) Phenanthrene	17.057	178	84894	4.34	ng		98
72) Anthracene	17.145	178	83071	4.31	ng		99
73) Carbazole	17.415	167	77803	4.08	ng	#	96
74) Di-n-butylphthalate	17.998	149	89120	3.98	ng		98
75) Fluoranthene	19.074	202	104318	4.26	ng		99
77) Benzidine	19.268	184	55434	5.14	ng		99
78) Pyrene	19.433	202	109326	4.01	ng		99
80) Butylbenzylphthalate	20.356	149	43544	3.74	ng		99
81) Benzo(a)anthracene	21.186	228	124659	4.31	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	43797	5.52	ng		99
83) Chrysene	21.239	228	123482	4.39	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	68558	3.80	ng		94
85) Di-n-octyl phthalate	22.003	149	122586	3.97	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.538	276	163779	4.42	ng		99
88) Benzo(b)fluoranthene	22.733	252	135263	3.94	ng		99
89) Benzo(k)fluoranthene	22.774	252	133882	4.17	ng		99
90) Benzo(a)pyrene	23.286	252	134897	4.36	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	141230	4.41	ng		98
92) Benzo(g,h,i)perylene	26.203	276	138186	4.52	ng		97

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

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