Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027672.D
Acq On : 02 Nov 2020 11:52
Operator : JU/CG
Sample : L4214-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 12:36:25 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 02 11:50:46 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:41 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	18597	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	69511	20.00	ng		# 0.00
39) Acenaphthene-d10	15.010	164	44274	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	102408	20.00	ng		# 0.00
76) Chrysene-d12	21.821	240	110815	20.00	ng		0.00
86) Perylene-d12	24.280	264	118986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	179173	152.23	ng		0.00
7) Phenol-d6	7.522	99	236215	142.80	ng		0.00
23) Nitrobenzene-d5	9.575	82	184405	121.02	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	88856	168.07	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	359807	115.96	ng		0.00
79) Terphenyl-d14	20.286	244	611387	108.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	3823	7.56	ng	#	53
3) Pyridine	4.022	79	11120	7.68	ng	#	44
4) n-Nitrosodimethylamine	3.928	42	9057	10.08	ng	#	34
6) Aniline	7.704	93	16591	8.89	ng		98
8) 2-Chlorophenol	7.951	128	9678	8.19	ng		91
9) Benzaldehyde	7.510	77	10426	12.24	ng		94
10) Phenol	7.545	94	12921	8.26	ng		87
11) bis(2-Chloroethyl)ether	7.798	93	9705	8.08	ng		90
12) 1,3-Dichlorobenzene	8.293	146	11372	7.89	ng		97
13) 1,4-Dichlorobenzene	8.440	146	11353	7.83	ng		96
14) 1,2-Dichlorobenzene	8.763	146	10563	7.66	ng		93
15) Benzyl Alcohol	8.634	79	10990	8.30	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.928	45	14329	7.46	ng		71
17) 2-Methylphenol	8.828	107	8510	8.09	ng		94
18) Hexachloroethane	9.510	117	4458	7.77	ng		97
19) n-Nitroso-di-n-propyla...	9.210	70	8433	7.79	ng	#	62
20) 3+4-Methylphenols	9.157	107	10707	7.66	ng		94
22) Acetophenone	9.228	105	16667	8.44	ng	#	73
24) Nitrobenzene	9.616	77	14622	9.33	ng		97
25) Isophorone	10.145	82	22106	8.36	ng		98
26) 2-Nitrophenol	10.339	139	4012	7.78	ng		94
27) 2,4-Dimethylphenol	10.381	122	9464	9.35	ng		96
28) bis(2-Chloroethoxy)met...	10.622	93	11849	7.45	ng	#	90
29) 2,4-Dichlorophenol	10.875	162	8796	8.03	ng		96
30) 1,2,4-Trichlorobenzene	11.104	180	10629	7.97	ng		92
31) Naphthalene	11.292	128	30661	8.35	ng		98
32) Benzoic acid	10.416	122	2945m	4.94	ng		
33) 4-Chloroaniline	11.386	127	12747	7.89	ng	#	96
34) Hexachlorobutadiene	11.581	225	7024	8.12	ng		97
35) Caprolactam	12.110	113	2815	7.71	ng	#	71
36) 4-Chloro-3-methylphenol	12.469	107	10538	8.27	ng		87
37) 2-Methylnaphthalene	12.875	142	21843	8.38	ng		94
38) 1-Methylnaphthalene	13.092	142	20526	8.31	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.227	216	11868	8.48	ng	#	98
41) Hexachlorocyclopentadiene	13.216	237	7724	10.15	ng		97
43) 2,4,6-Trichlorophenol	13.457	196	6426	7.07	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	7450	7.65	ng		91
46) 1,1'-Biphenyl	13.857	154	28473	8.42	ng		98
47) 2-Chloronaphthalene	13.904	162	22596	8.06	ng	#	91
48) 2-Nitroaniline	14.086	65	6303	6.68	ng		98
49) Acenaphthylene	14.739	152	34000	8.03	ng		99
50) Dimethylphthalate	14.451	163	27252	7.68	ng		97
51) 2,6-Dinitrotoluene	14.569	165	5372	7.71	ng	#	83
52) Acenaphthene	15.074	154	22076	7.96	ng		100
53) 3-Nitroaniline	14.892	138	5740	7.26	ng	#	94
54) 2,4-Dinitrophenol	15.092	184	2369	8.05	ng	#	5
55) Dibenzofuran	15.404	168	34720	8.41	ng		90
56) 4-Nitrophenol	15.169	139	4487	7.00	ng	#	75
57) 2,4-Dinitrotoluene	15.339	165	6897	7.30	ng	#	81
58) Fluorene	16.045	166	27828	8.22	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.616	232	7062	8.26	ng	#	91
60) Diethylphthalate	15.792	149	28196	7.80	ng	#	95
61) 4-Chlorophenyl-phenyle...	16.033	204	13947	8.01	ng		90
62) 4-Nitroaniline	16.039	138	5763	6.43	ng	#	81
63) Azobenzene	16.321	77	31165	8.32	ng		83
65) 4,6-Dinitro-2-methylph...	16.098	198	3443	8.35	ng		85
66) n-Nitrosodiphenylamine	16.233	169	24437	7.91	ng		95
67) 4-Bromophenyl-phenylether	16.915	248	8200	7.49	ng	#	86
68) Hexachlorobenzene	17.039	284	9546	7.52	ng	#	88
69) Atrazine	17.163	200	7965	7.61	ng		94
70) Pentachlorophenol	17.363	266	4997	7.26	ng		89
71) Phenanthrene	17.768	178	45885	7.94	ng		97
72) Anthracene	17.857	178	46502	8.23	ng		98
73) Carbazole	18.110	167	42130	7.84	ng		98
74) Di-n-butylphthalate	18.657	149	45412	7.20	ng	#	97
75) Fluoranthene	19.739	202	55284	8.14	ng		100
77) Benzidine	19.904	184	28377	9.00	ng		97
78) Pyrene	20.098	202	57889	7.53	ng		99
80) Butylbenzylphthalate	20.956	149	17689	6.08	ng		96
81) Benzo(a)anthracene	21.809	228	59559	7.96	ng		98
82) 3,3'-Dichlorobenzidine	21.727	252	20834	8.12	ng	#	97
83) Chrysene	21.862	228	57386	7.95	ng		98
84) Bis(2-ethylhexyl)phtha...	21.715	149	28329	6.66	ng		95
85) Di-n-octyl phthalate	22.662	149	48349	6.74	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.809	276	68288	7.85	ng	#	96
88) Benzo(b)fluoranthene	23.527	252	60281m	7.43	ng		
89) Benzo(k)fluoranthene	23.580	252	59939	7.76	ng		98
90) Benzo(a)pyrene	24.168	252	54508	7.28	ng		97
91) Dibenzo(a,h)anthracene	26.827	278	56545	7.95	ng	#	94
92) Benzo(g,h,i)perylene	27.603	276	57748	8.30	ng		93

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

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