Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026689.D
Acq On : 07 Jul 2020 22:44
Operator : JU/CG
Sample : L3216-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:43 AM

Quant Time: Jul 08 05:52:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	59962	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	267788	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	184205	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	428464	20.00	ng		0.00
76) Chrysene-d12	20.96	240	514169	20.00	ng		-0.01
86) Perylene-d12	23.03	264	532647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	627140	175.30	ng		0.00
7) Phenol-d6	6.54	99	937915	164.55	ng		0.00
23) Nitrobenzene-d5	8.48	82	981853	156.43	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	512794	191.11	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2189059	158.01	ng		0.00
79) Terphenyl-d14	19.42	244	4087478	156.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	17067	9.929	ng		92
3) Pyridine	3.36	79	27430	5.579	ng		93
4) n-Nitrosodimethylamine	3.27	42	21672	7.365	ng	#	87
6) Aniline	6.68	93	52970	7.572	ng		99
8) 2-Chlorophenol	6.90	128	32679	7.668	ng		97
9) Benzaldehyde	6.49	77	36794	11.631	ng		97
10) Phenol	6.56	94	43292	7.685	ng		95
11) bis(2-Chloroethyl)ether	6.78	93	34906	7.411	ng		97
12) 1,3-Dichlorobenzene	7.22	146	35762	7.720	ng		95
13) 1,4-Dichlorobenzene	7.36	146	36458	7.732	ng		98
14) 1,2-Dichlorobenzene	7.67	146	35610	7.582	ng		97
15) Benzyl Alcohol	7.59	79	31867	6.534	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	73127	7.522	ng		97
17) 2-Methylphenol	7.79	107	28265	6.602	ng		95
18) Hexachloroethane	8.37	117	13674	7.302	ng		97
19) n-Nitroso-di-n-propylamine	8.14	70	34282	7.229	ng		99
20) 3+4-Methylphenols	8.12	107	37801	6.422	ng		98
22) Acetophenone	8.15	105	59863	7.867	ng	#	96
24) Nitrobenzene	8.52	77	49372	7.477	ng		99
25) Isophorone	9.05	82	85420	7.097	ng		99
26) 2-Nitrophenol	9.22	139	15592	6.398	ng		86
27) 2,4-Dimethylphenol	9.30	122	30987	7.819	ng		92
28) bis(2-Chloroethoxy)methane	9.53	93	49798	7.489	ng		98
29) 2,4-Dichlorophenol	9.76	162	29510	6.761	ng		98
30) 1,2,4-Trichlorobenzene	9.96	180	36398	7.475	ng		96
31) Naphthalene	10.13	128	110432	7.414	ng		99
32) Benzoic acid	9.42	122	7766m	2.582	ng		
33) 4-Chloroaniline	10.27	127	45359	6.962	ng		96
34) Hexachlorobutadiene	10.42	225	23662	7.338	ng		97
35) Caprolactam	11.05	113	10208	6.603	ng	#	83
36) 4-Chloro-3-methylphenol	11.41	107	38269	6.938	ng		99
37) 2-Methylnaphthalene	11.76	142	83054	7.528	ng		97
38) 1-Methylnaphthalene	11.99	142	80513	7.617	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	47460	7.970	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	15379	5.413	ng		98
43) 2,4,6-Trichlorophenol	12.41	196	25539	6.547	ng		97
44) 2,4,5-Trichlorophenol	12.49	196	29640	6.466	ng		92
46) 1,1'-Biphenyl	12.81	154	119519	8.214	ng		99
47) 2-Chloronaphthalene	12.85	162	85235	7.251	ng		100
48) 2-Nitroaniline	13.07	65	30245	6.253	ng		97
49) Acenaphthylene	13.70	152	137611	7.323	ng		98
50) Dimethylphthalate	13.47	163	115685	7.342	ng		100
51) 2,6-Dinitrotoluene	13.59	165	23724	7.032	ng		93
52) Acenaphthene	14.05	154	83309	7.295	ng		99
53) 3-Nitroaniline	13.92	138	20460	5.829	ng	#	98
54) 2,4-Dinitrophenol	14.16	184	6355	3.218	ng		89
55) Dibenzofuran	14.39	168	137551	7.346	ng		98
56) 4-Nitrophenol	14.26	139	12318	4.472	ng		93
57) 2,4-Dinitrotoluene	14.39	165	31019	6.370	ng		91
58) Fluorene	15.05	166	109331	7.052	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	28939	7.229	ng		98
60) Diethylphthalate	14.85	149	119134	7.151	ng		99
61) 4-Chlorophenyl-phenylether	15.06	204	58705	6.989	ng		99
62) 4-Nitroaniline	15.09	138	16611	4.534	ng		95
63) Azobenzene	15.35	77	130695	7.142	ng		97
65) 4,6-Dinitro-2-methylphenol	15.17	198	14599	5.012	ng		89
66) n-Nitrosodiphenylamine	15.27	169	96771	7.107	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	35991	6.749	ng		94
68) Hexachlorobenzene	16.06	284	40996	7.304	ng		97
69) Atrazine	16.24	200	34711	8.478	ng		99
70) Pentachlorophenol	16.42	266	16734	5.270	ng		95
71) Phenanthrene	16.79	178	186101	7.357	ng		99
72) Anthracene	16.88	178	182265	7.238	ng		99
73) Carbazole	17.16	167	161376	6.722	ng		100
74) Di-n-butylphthalate	17.75	149	200609	6.646	ng		99
75) Fluoranthene	18.82	202	226864	7.282	ng		98
77) Benzidine	19.03	184	88702	8.750	ng		99
78) Pyrene	19.19	202	238285	7.357	ng		100
80) Butylbenzylphthalate	20.13	149	93916	6.461	ng		97
81) Benzo(a)anthracene	20.95	228	255025	7.384	ng		100
82) 3,3'-Dichlorobenzidine	20.90	252	87201	7.955	ng		99
83) Chrysene	21.00	228	247436	7.361	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	156640	6.727	ng		97
85) Di-n-octyl phthalate	21.76	149	260907	6.555	ng		97
87) Indeno(1,2,3-cd)pyrene	25.04	276	283011	7.463	ng		100
88) Benzo(b)fluoranthene	22.43	252	259925	7.406	ng		98
89) Benzo(k)fluoranthene	22.47	252	268171	7.790	ng		99
90) Benzo(a)pyrene	22.94	252	229191	7.035	ng		98
91) Dibenzo(a,h)anthracene	25.04	278	238418	7.448	ng		99
92) Benzo(g,h,i)perylene	25.64	276	232660	7.888	ng		97

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

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