Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026688.D
Acq On : 07 Jul 2020 22:07
Operator : JU/CG
Sample : L3216-01
Misc : LOD-MDL-S-5PPM
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:41 AM

Quant Time: Jul 08 05:49:56 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	53871	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	239112	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	169942	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	392844	20.00	ng		0.00
76) Chrysene-d12	20.97	240	473280	20.00	ng		0.00
86) Perylene-d12	23.04	264	499692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	558617	173.80	ng		0.00
7) Phenol-d6	6.54	99	835786	163.21	ng		0.00
23) Nitrobenzene-d5	8.48	82	885028	157.91	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	473926	191.44	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2006843	157.02	ng		0.00
79) Terphenyl-d14	19.42	244	3795906	157.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	8731	5.654	ng		97
3) Pyridine	3.38	79	13253	3.000	ng		90
4) n-Nitrosodimethylamine	3.28	42	12241	4.630	ng	#	99
6) Aniline	6.67	93	29338	4.668	ng		95
8) 2-Chlorophenol	6.90	128	18068	4.719	ng		100
9) Benzaldehyde	6.50	77	20882	7.347	ng		100
10) Phenol	6.56	94	23801	4.703	ng		91
11) bis(2-Chloroethyl)ether	6.78	93	19483	4.604	ng		97
12) 1,3-Dichlorobenzene	7.22	146	19016	4.569	ng		95
13) 1,4-Dichlorobenzene	7.36	146	20207	4.770	ng		93
14) 1,2-Dichlorobenzene	7.67	146	20017	4.744	ng		99
15) Benzyl Alcohol	7.59	79	16524	3.771	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	40187	4.601	ng		96
17) 2-Methylphenol	7.79	107	15057	3.915	ng		93
18) Hexachloroethane	8.38	117	7688	4.570	ng		90
19) n-Nitroso-di-n-propylamine	8.15	70	18637	4.374	ng		99
20) 3+4-Methylphenols	8.13	107	19752	3.735	ng		96
22) Acetophenone	8.16	105	33424	4.919	ng	#	94
24) Nitrobenzene	8.52	77	28084	4.763	ng		99
25) Isophorone	9.05	82	47628	4.432	ng		99
26) 2-Nitrophenol	9.23	139	8478	3.896	ng		95
27) 2,4-Dimethylphenol	9.31	122	16064	4.540	ng		99
28) bis(2-Chloroethoxy)methane	9.54	93	27874	4.695	ng		92
29) 2,4-Dichlorophenol	9.77	162	14716	3.776	ng		94
30) 1,2,4-Trichlorobenzene	9.96	180	19964	4.592	ng		97
31) Naphthalene	10.13	128	61904	4.655	ng		99
32) Benzoic acid	9.42	122	2620m	0.976	ng		
33) 4-Chloroaniline	10.27	127	23283	4.002	ng		95
34) Hexachlorobutadiene	10.42	225	13260	4.605	ng		97
35) Caprolactam	11.06	113	5025	3.640	ng		92
36) 4-Chloro-3-methylphenol	11.41	107	20405	4.143	ng		93
37) 2-Methylnaphthalene	11.76	142	46789	4.749	ng		99
38) 1-Methylnaphthalene	11.99	142	44347	4.699	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	25833	4.702	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	6671	2.545	ng		93
43) 2,4,6-Trichlorophenol	12.41	196	13374	3.716	ng		98
44) 2,4,5-Trichlorophenol	12.49	196	15432	3.649	ng		99
46) 1,1'-Biphenyl	12.81	154	69632	5.187	ng		97
47) 2-Chloronaphthalene	12.85	162	47226	4.355	ng		97
48) 2-Nitroaniline	13.07	65	14609	3.274	ng		96
49) Acenaphthylene	13.70	152	76206	4.396	ng		98
50) Dimethylphthalate	13.47	163	65940	4.536	ng		98
51) 2,6-Dinitrotoluene	13.59	165	12427	3.992	ng		88
52) Acenaphthene	14.05	154	47643	4.522	ng		94
53) 3-Nitroaniline	13.92	138	10311	3.184	ng	#	96
54) 2,4-Dinitrophenol	14.16	184	2425	1.331	ng	#	79
55) Dibenzofuran	14.39	168	78038	4.518	ng		96
56) 4-Nitrophenol	14.29	139	5195	2.044	ng	#	86
57) 2,4-Dinitrotoluene	14.39	165	16330	3.635	ng		90
58) Fluorene	15.05	166	62517	4.371	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	15792	4.276	ng	#	97
60) Diethylphthalate	14.85	149	67946	4.421	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	34006	4.388	ng		99
62) 4-Nitroaniline	15.10	138	7432	2.199	ng		85
63) Azobenzene	15.35	77	70556	4.179	ng		95
65) 4,6-Dinitro-2-methylphenol	15.17	198	6577	2.463	ng		93
66) n-Nitrosodiphenylamine	15.27	169	53690	4.301	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	20424	4.177	ng		96
68) Hexachlorobenzene	16.06	284	23565	4.579	ng		94
69) Atrazine	16.24	200	18927	5.042	ng		93
70) Pentachlorophenol	16.42	266	8759	3.009	ng		95
71) Phenanthrene	16.79	178	107208	4.623	ng		99
72) Anthracene	16.88	178	101582	4.400	ng		99
73) Carbazole	17.16	167	88250	4.009	ng		99
74) Di-n-butylphthalate	17.75	149	109228	3.947	ng		100
75) Fluoranthene	18.82	202	126978	4.445	ng		99
77) Benzidine	19.03	184	41357	4.432	ng		96
78) Pyrene	19.19	202	133823	4.489	ng		99
80) Butylbenzylphthalate	20.13	149	49339	3.688	ng		96
81) Benzo(a)anthracene	20.95	228	146568	4.610	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	46176	4.576	ng		98
83) Chrysene	21.00	228	143898	4.650	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	83179	3.881	ng	#	99
85) Di-n-octyl phthalate	21.76	149	138242	3.774	ng		94
87) Indeno(1,2,3-cd)pyrene	25.04	276	168231	4.729	ng		100
88) Benzo(b)fluoranthene	22.43	252	144793	4.398	ng		99
89) Benzo(k)fluoranthene	22.47	252	157552	4.878	ng		97
90) Benzo(a)pyrene	22.95	252	131765	4.311	ng		99
91) Dibenzo(a,h)anthracene	25.05	278	141423	4.709	ng		98
92) Benzo(g,h,i)perylene	25.65	276	139977	5.059	ng		99

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

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