Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026477.D
Acq On : 19 Jun 2020 22:06
Operator : JU/CG
Sample : L2182-02
Misc : LOO--S-10PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:39 PM

Quant Time: Jun 20 05:32:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97139	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	432972	20.00	ng		0.00
39) Acenaphthene-d10	14.04	164	307239	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	694421	20.00	ng		0.00
76) Chrysene-d12	21.01	240	697271	20.00	ng		0.00
86) Perylene-d12	23.10	264	657118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	758232	138.01	ng		0.00
7) Phenol-d6	6.59	99	1153671	145.01	ng		0.00
23) Nitrobenzene-d5	8.53	82	895540	101.56	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	628439	168.86	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2026767	100.14	ng		0.00
79) Terphenyl-d14	19.46	244	3575205	99.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	23746	9.586	ng		95
3) Pyridine	3.40	79	56907	7.822	ng		98
4) n-Nitrosodimethylamine	3.31	42	35256	9.787	ng		83
6) Aniline	6.73	93	97189	9.313	ng		99
8) 2-Chlorophenol	6.96	128	57650	9.097	ng		93
9) Benzaldehyde	6.55	77	61524	12.128	ng		100
10) Phenol	6.62	94	77041	9.093	ng		91
11) bis(2-Chloroethyl)ether	6.83	93	61917	9.073	ng		96
12) 1,3-Dichlorobenzene	7.27	146	62786	8.949	ng		98
13) 1,4-Dichlorobenzene	7.42	146	65204	9.124	ng		96
14) 1,2-Dichlorobenzene	7.73	146	63365	9.077	ng		99
15) Benzyl Alcohol	7.64	79	59140	8.754	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.92	45	122735	9.630	ng		99
17) 2-Methylphenol	7.85	107	51761	8.359	ng		97
18) Hexachloroethane	8.44	117	24694	9.124	ng		99
19) n-Nitroso-di-n-propylamine	8.20	70	62611	10.099	ng		94
20) 3+4-Methylphenols	8.17	107	70114	8.307	ng		98
22) Acetophenone	8.20	105	108476	9.743	ng	#	93
24) Nitrobenzene	8.57	77	91192	9.879	ng		100
25) Isophorone	9.10	82	161987	9.778	ng		99
26) 2-Nitrophenol	9.28	139	31599	8.649	ng	#	85
27) 2,4-Dimethylphenol	9.36	122	47118	8.170	ng		95
28) bis(2-Chloroethoxy)methane	9.59	93	93434	9.941	ng		99
29) 2,4-Dichlorophenol	9.82	162	56134	8.871	ng		98
30) 1,2,4-Trichlorobenzene	10.02	180	65116	9.384	ng		98
31) Naphthalene	10.19	128	209783	9.615	ng		99
32) Benzoic acid	9.47	122	19649m	4.585	ng		
33) 4-Chloroaniline	10.32	127	83347	8.758	ng		96
34) Hexachlorobutadiene	10.49	225	41423	9.456	ng		93
35) Caprolactam	11.10	113	23245	10.456	ng		92
36) 4-Chloro-3-methylphenol	11.46	107	73932	9.588	ng		95
37) 2-Methylnaphthalene	11.82	142	157746	10.146	ng		99
38) 1-Methylnaphthalene	12.05	142	153250	10.405	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	85378	9.762	ng		98

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Quant Time: Jun 20 05:32:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 20 04:14:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	37884	7.351	ng	96
43) 2,4,6-Trichlorophenol	12.46	196	50715	8.567	ng	94
44) 2,4,5-Trichlorophenol	12.54	196	54077	7.870	ng	99
46) 1,1'-Biphenyl	12.86	154	219011	10.168	ng	99
47) 2-Chloronaphthalene	12.90	162	159901	9.139	ng	97
48) 2-Nitroaniline	13.12	65	58484	8.434	ng	95
49) Acenaphthylene	13.76	152	259174	9.262	ng	99
50) Dimethylphthalate	13.52	163	215504	9.590	ng	99
51) 2,6-Dinitrotoluene	13.63	165	45322	9.191	ng	97
52) Acenaphthene	14.10	154	158829	9.454	ng	100
53) 3-Nitroaniline	13.96	138	40724	7.416	ng	94
54) 2,4-Dinitrophenol	14.19	184	37214	12.417	ng	90
55) Dibenzofuran	14.44	168	256821	9.488	ng	100
56) 4-Nitrophenol	14.30	139	27764	6.376	ng	97
57) 2,4-Dinitrotoluene	14.43	165	61782	9.011	ng	89
58) Fluorene	15.10	166	208374	9.478	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.69	232	53154	9.044	ng	97
60) Diethylphthalate	14.90	149	222121	9.704	ng	99
61) 4-Chlorophenyl-phenylether	15.11	204	110194	9.449	ng	96
62) 4-Nitroaniline	15.14	138	40432	6.904	ng	94
63) Azobenzene	15.40	77	239918	9.580	ng	97
65) 4,6-Dinitro-2-methylphenol	15.21	198	31249	7.400	ng	96
66) n-Nitrosodiphenylamine	15.33	169	183627	9.128	ng	98
67) 4-Bromophenyl-phenylether	16.00	248	66815	8.740	ng	99
68) Hexachlorobenzene	16.11	284	75914	9.517	ng	97
69) Atrazine	16.29	200	65048	10.823	ng	97
70) Pentachlorophenol	16.47	266	33645	7.004	ng	94
71) Phenanthrene	16.84	178	346578	9.584	ng	99
72) Anthracene	16.93	178	334643	9.272	ng	99
73) Carbazole	17.21	167	301274	8.803	ng	99
74) Di-n-butylphthalate	17.79	149	370573	9.181	ng	99
75) Fluoranthene	18.87	202	404584	9.759	ng	98
77) Benzidine	19.07	184	132814	9.170	ng	98
78) Pyrene	19.23	202	423059	9.183	ng	100
80) Butylbenzylphthalate	20.17	149	166691	8.947	ng	97
81) Benzo(a)anthracene	20.99	228	416711	9.956	ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	148060	11.434	ng	98
83) Chrysene	21.04	228	401932	10.077	ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	255048	9.601	ng	99
85) Di-n-octyl phthalate	21.80	149	412664	10.070	ng	97
87) Indeno(1,2,3-cd)pyrene	25.13	276	342801	9.018	ng	100
88) Benzo(b)fluoranthene	22.49	252	373176	9.440	ng	98
89) Benzo(k)fluoranthene	22.53	252	379347	9.878	ng	99
90) Benzo(a)pyrene	23.01	252	325187	9.262	ng	98
91) Dibenzo(a,h)anthracene	25.14	278	291375	9.182	ng	99
92) Benzo(g,h,i)perylene	25.74	276	279624	9.260	ng	99

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

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