Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
Data File : BP002407.D
Acq On : 15 Jun 2020 13:28
Operator : CG/JU
Sample : L2182-03
Misc : MDL-MDL-SOIL 8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2020

Manual Integrations APPROVED
mohammad
6/16/2020 11:07:20 AM

Quant Time: Jun 15 14:18:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	167646	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	666416	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	401343	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	895196	20.00	ng	0.00
76) Chrysene-d12	21.10	240	879402	20.00	ng	0.00
86) Perylene-d12	23.30	264	1007402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1471763	162.45	ng	0.00
7) Phenol-d6	6.78	99	2034767	168.69	ng	0.00
23) Nitrobenzene-d5	8.73	82	1366663	122.47	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	710131	184.81	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2692917	112.82	ng	0.00
79) Terphenyl-d14	19.59	244	3751886	111.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	34895	8.361	ng	99
3) Pyridine	3.55	79	77096	6.797	ng	97
4) n-Nitrosodimethylamine	3.46	42	38134	8.158	ng	97
6) Aniline	6.93	93	138511	8.443	ng	99
8) 2-Chlorophenol	7.16	128	82859	8.134	ng	99
9) Benzaldehyde	6.74	77	80624	13.082	ng	99
10) Phenol	6.80	94	109996	8.408	ng	96
11) bis(2-Chloroethyl)ether	7.03	93	89671	8.210	ng	98
12) 1,3-Dichlorobenzene	7.48	146	90758	7.737	ng	97
13) 1,4-Dichlorobenzene	7.63	146	95197	8.066	ng	99
14) 1,2-Dichlorobenzene	7.94	146	90844	8.035	ng	98
15) Benzyl Alcohol	7.83	79	69083	7.389	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.13	45	124742	8.049	ng	99
17) 2-Methylphenol	8.04	107	68943	7.212	ng	96
18) Hexachloroethane	8.66	117	33454	7.781	ng	98
19) n-Nitroso-di-n-propylamine	8.39	70	67921	8.424	ng	96
20) 3+4-Methylphenols	8.36	107	93206	7.224	ng	99
22) Acetophenone	8.40	105	140050	9.354	ng	97
24) Nitrobenzene	8.77	77	106702	8.895	ng	98
25) Isophorone	9.30	82	190023	8.361	ng	97
26) 2-Nitrophenol	9.49	139	40575	7.591	ng	99
27) 2,4-Dimethylphenol	9.56	122	64219	7.658	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	119687	8.841	ng	99
29) 2,4-Dichlorophenol	10.02	162	72250	7.654	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	87044	8.273	ng	98
31) Naphthalene	10.42	128	269700	8.711	ng	99
32) Benzoic acid	9.64	122	18713m	2.933	ng	
33) 4-Chloroaniline	10.53	127	105807	7.828	ng	99
34) Hexachlorobutadiene	10.72	225	48011	7.819	ng	96
35) Caprolactam	11.26	113	25630	7.698	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	80913	7.922	ng	99
37) 2-Methylnaphthalene	12.04	142	191003	8.692	ng	96
38) 1-Methylnaphthalene	12.26	142	181921	8.820	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	98192	9.281	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	39102	6.952 ng	96
43) 2,4,6-Trichlorophenol	12.66	196	57551	7.686 ng	95
44) 2,4,5-Trichlorophenol	12.73	196	62976	7.264 ng	98
46) 1,1'-Biphenyl	13.07	154	258069	9.811 ng	99
47) 2-Chloronaphthalene	13.10	162	187517	8.715 ng	99
48) 2-Nitroaniline	13.31	65	49842	7.257 ng	96
49) Acenaphthylene	13.96	152	300453	8.749 ng	99
50) Dimethylphthalate	13.70	163	236758	8.609 ng	100
51) 2,6-Dinitrotoluene	13.81	165	47602	7.971 ng	88
52) Acenaphthene	14.30	154	181762	9.035 ng	94
53) 3-Nitroaniline	14.15	138	47643	6.986 ng	96
54) 2,4-Dinitrophenol	14.36	184	14234	4.345 ng	90
55) Dibenzofuran	14.65	168	298914	9.229 ng	98
56) 4-Nitrophenol	14.47	139	35011	6.466 ng	95
57) 2,4-Dinitrotoluene	14.61	165	60377	7.427 ng	98
58) Fluorene	15.30	166	229658	9.015 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	53661m	7.797 ng	
60) Diethylphthalate	15.09	149	236648	8.588 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	118174	9.569 ng	95
62) 4-Nitroaniline	15.31	138	47867	7.305 ng	96
63) Azobenzene	15.59	77	254020	9.261 ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	28276	5.986 ng	93
66) n-Nitrosodiphenylamine	15.52	169	205875	9.003 ng	98
67) 4-Bromophenyl-phenylether	16.20	248	68790	8.112 ng	99
68) Hexachlorobenzene	16.31	284	78318	8.703 ng	96
69) Atrazine	16.47	200	74855	10.034 ng	99
70) Pentachlorophenol	16.66	266	35684	6.628 ng	96
71) Phenanthrene	17.04	178	387452	9.252 ng	97
72) Anthracene	17.13	178	378428	9.097 ng	97
73) Carbazole	17.40	167	352105	8.604 ng	99
74) Di-n-butylphthalate	17.99	149	380452	7.856 ng	100
75) Fluoranthene	19.02	202	439554	8.794 ng	97
77) Benzidine	19.21	184	144999	7.379 ng	100
78) Pyrene	19.37	202	479022	8.893 ng	99
80) Butylbenzylphthalate	20.27	149	166744	6.964 ng	99
81) Benzo(a)anthracene	21.09	228	455153	9.067 ng	99
82) 3,3'-Dichlorobenzidine	21.03	252	153511	8.229 ng	99
83) Chrysene	21.14	228	442575	9.306 ng	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	272439	7.822 ng	98
85) Di-n-octyl phthalate	21.91	149	449061	7.350 ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	514966	8.173 ng	97
88) Benzo(b)fluoranthene	22.64	252	438003	8.062 ng	96
89) Benzo(k)fluoranthene	22.69	252	472620m	9.156 ng	
90) Benzo(a)pyrene	23.20	252	399435	7.846 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	437850	8.663 ng	95
92) Benzo(g,h,i)perylene	26.18	276	438704	8.381 ng	97

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

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