Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
Data File : BM031881.D
Acq On : 24 Aug 2021 15:45
Operator : CG/JU
Sample : M2262-02
Misc : LOQ--SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/25/2021 3:36:08 PM

Quant Time: Aug 24 16:47:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 16:47:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	30543	20.000	ng		0.00
21) Naphthalene-d8	10.280	136	138470	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	96016	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	211443	20.000	ng		-0.01
76) Chrysene-d12	21.127	240	195129	20.000	ng		0.00
86) Perylene-d12	23.268	264	174431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	226205	108.951	ng		0.00
7) Phenol-d6	6.722	99	308746	110.714	ng		0.00
23) Nitrobenzene-d5	8.681	82	274179	80.630	ng		0.00
42) 2,4,6-Tribromophenol	15.668	330	141346	133.596	ng		0.00
45) 2-Fluorobiphenyl	12.774	172	627610	84.102	ng		0.00
79) Terphenyl-d14	19.568	244	1043895	80.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	7365	10.923	ng	#	89
3) Pyridine	3.563	79	16306	8.023	ng	#	78
4) n-Nitrosodimethylamine	3.481	42	11402m	12.854	ng		
6) Aniline	6.875	93	31456	10.599	ng		94
8) 2-Chlorophenol	7.098	128	21435	9.628	ng		92
9) Benzaldehyde	6.692	77	22122	12.001	ng		98
10) Phenol	6.745	94	25738	9.238	ng		91
11) bis(2-Chloroethyl)ether	6.975	93	19117	9.071	ng		97
12) 1,3-Dichlorobenzene	7.410	146	24249	10.066	ng		96
13) 1,4-Dichlorobenzene	7.557	146	25300	10.341	ng		94
14) 1,2-Dichlorobenzene	7.869	146	24064	10.100	ng		96
15) Benzyl Alcohol	7.775	79	21601	9.425	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.057	45	26412	8.386	ng		97
17) 2-Methylphenol	7.975	107	18055	9.626	ng		96
18) Hexachloroethane	8.575	117	10177	9.769	ng		95
19) n-Nitroso-di-n-propyla...	8.328	70	18940	9.022	ng		96
20) 3+4-Methylphenols	8.304	107	25392	9.708	ng		98
22) Acetophenone	8.345	105	38403	9.511	ng	#	98
24) Nitrobenzene	8.716	77	31867	9.149	ng		97
25) Isophorone	9.239	82	51523	8.445	ng		99
26) 2-Nitrophenol	9.416	139	12110	9.212	ng		97
27) 2,4-Dimethylphenol	9.486	122	21453	10.602	ng		99
28) bis(2-Chloroethoxy)met...	9.722	93	27912	9.412	ng		95
29) 2,4-Dichlorophenol	9.945	162	21469	9.362	ng		92
30) 1,2,4-Trichlorobenzene	10.145	180	23743	9.751	ng		99
31) Naphthalene	10.333	128	74632	9.399	ng		99
32) Benzoic acid	9.604	122	15667	9.134	ng		88
33) 4-Chloroaniline	10.463	127	31203	9.897	ng		98
34) Hexachlorobutadiene	10.610	225	15721	10.331	ng		95
35) Caprolactam	11.263	113	7165	9.874	ng	#	70
36) 4-Chloro-3-methylphenol	11.592	107	25904	9.514	ng		97
37) 2-Methylnaphthalene	11.951	142	55440	9.685	ng		98
38) 1-Methylnaphthalene	12.174	142	51762	9.606	ng		97
40) 1,2,4,5-Tetrachloroben...	12.327	216	28589	10.361	ng		97
41) Hexachlorocyclopentadiene	12.298	237	13426	10.033	ng		89
43) 2,4,6-Trichlorophenol	12.586	196	18441	9.052	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	20072	9.237	ng		97
46) 1,1'-Biphenyl	12.986	154	73969	9.551	ng		97
47) 2-Chloronaphthalene	13.027	162	55328	9.199	ng		97
48) 2-Nitroaniline	13.251	65	18502	8.840	ng		98
49) Acenaphthylene	13.880	152	89976	9.222	ng		99
50) Dimethylphthalate	13.633	163	74861	9.598	ng		98
51) 2,6-Dinitrotoluene	13.757	165	15252	8.963	ng		92
52) Acenaphthene	14.227	154	53902	9.184	ng		98
53) 3-Nitroaniline	14.092	138	15012	9.012	ng		93
54) 2,4-Dinitrophenol	14.310	184	9730	10.239	ng	#	87
55) Dibenzofuran	14.568	168	86072	8.858	ng		97
56) 4-Nitrophenol	14.421	139	11975	8.729	ng		88
57) 2,4-Dinitrotoluene	14.557	165	21401	9.035	ng		96
58) Fluorene	15.221	166	71219	8.947	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	17465	9.388	ng		95
60) Diethylphthalate	15.010	149	80907	9.526	ng		98
61) 4-Chlorophenyl-phenyle...	15.221	204	35641	9.343	ng		99
62) 4-Nitroaniline	15.263	138	14700	9.277	ng		96
63) Azobenzene	15.515	77	84477	8.628	ng		99
65) 4,6-Dinitro-2-methylph...	15.327	198	10623	7.213	ng		94
66) n-Nitrosodiphenylamine	15.439	169	62559	8.762	ng		95
67) 4-Bromophenyl-phenylether	16.115	248	21338	9.291	ng		98
68) Hexachlorobenzene	16.221	284	23111	9.509	ng		95
69) Atrazine	16.410	200	24058	10.080	ng		98
70) Pentachlorophenol	16.574	266	13461	8.468	ng		96
71) Phenanthrene	16.962	178	114705	9.007	ng		99
72) Anthracene	17.051	178	115665	9.232	ng		99
73) Carbazole	17.333	167	104684	8.687	ng		99
74) Di-n-butylphthalate	17.904	149	136168	8.482	ng		100
75) Fluoranthene	18.986	202	131326	9.278	ng		98
77) Benzidine	19.192	184	68175m	13.033	ng		
78) Pyrene	19.350	202	135414	8.661	ng		98
80) Butylbenzylphthalate	20.274	149	62832	8.152	ng		100
81) Benzo(a)anthracene	21.109	228	128624	8.991	ng		99
82) 3,3'-Dichlorobenzidine	21.056	252	47722	11.269	ng		97
83) Chrysene	21.162	228	125420	9.110	ng		99
84) Bis(2-ethylhexyl)phtha...	21.056	149	95951	8.000	ng		99
85) Di-n-octyl phthalate	21.915	149	158880	8.279	ng		99
87) Indeno(1,2,3-cd)pyrene	25.385	276	108632	8.022	ng		97
88) Benzo(b)fluoranthene	22.633	252	125051	9.734	ng		99
89) Benzo(k)fluoranthene	22.674	252	111539	9.021	ng		99
90) Benzo(a)pyrene	23.174	252	111308	9.650	ng		98
91) Dibenzo(a,h)anthracene	25.397	278	94315	7.978	ng		99
92) Benzo(g,h,i)perylene	26.032	276	89783	8.159	ng		95

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

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