Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006482.D
Acq On : 03 Aug 2021 17:34
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:03 PM

Quant Time: Aug 03 18:08:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 18:07:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	131852	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	529445	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	296409	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	601726	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	645889	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	687610	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1013564	118.070	ng		0.00
7) Phenol-d6	6.934	99	1392792	114.216	ng		0.00
23) Nitrobenzene-d5	8.910	82	873170	76.124	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	372348	120.198	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1508318	76.133	ng		0.00
79) Terphenyl-d14	19.716	244	2265278	70.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	21562	5.769	ng	#	88
3) Pyridine	3.705	79	52976	4.823	ng		93
4) n-Nitrosodimethylamine	3.617	42	22275	5.373	ng	#	83
6) Aniline	7.093	93	77872	5.879	ng		92
8) 2-Chlorophenol	7.322	128	49178	5.295	ng		88
9) Benzaldehyde	6.910	77	54978	7.491	ng		89
10) Phenol	6.958	94	64284	5.257	ng		93
11) bis(2-Chloroethyl)ether	7.193	93	49984	5.384	ng		88
12) 1,3-Dichlorobenzene	7.646	146	52541m	5.428	ng		
13) 1,4-Dichlorobenzene	7.793	146	53390	5.434	ng		97
14) 1,2-Dichlorobenzene	8.105	146	52049	5.521	ng		95
15) Benzyl Alcohol	8.005	79	45422	4.967	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	59357	5.372	ng		93
17) 2-Methylphenol	8.199	107	37927	4.912	ng		97
18) Hexachloroethane	8.828	117	21660	5.570	ng	#	81
19) n-Nitroso-di-n-propyla...	8.563	70	40898	4.999	ng	#	95
20) 3+4-Methylphenols	8.528	107	49973	4.755	ng		97
22) Acetophenone	8.581	105	78411	5.585	ng	#	97
24) Nitrobenzene	8.957	77	65908	5.528	ng		90
25) Isophorone	9.481	82	94621	4.593	ng		96
26) 2-Nitrophenol	9.663	139	18285	4.214	ng		93
27) 2,4-Dimethylphenol	9.728	122	39766	5.473	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	63432	5.754	ng		96
29) 2,4-Dichlorophenol	10.187	162	33691	4.580	ng		90
30) 1,2,4-Trichlorobenzene	10.404	180	41914	5.302	ng		97
31) Naphthalene	10.593	128	154185	5.420	ng		98
32) Benzoic acid	9.775	122	13246	2.356	ng		94
33) 4-Chloroaniline	10.710	127	60407	5.247	ng		97
34) Hexachlorobutadiene	10.875	225	24115	5.235	ng		97
35) Caprolactam	11.487	113	11496	4.334	ng	#	62
36) 4-Chloro-3-methylphenol	11.828	107	41566	4.447	ng		87
37) 2-Methylnaphthalene	12.198	142	101594	5.270	ng		95
38) 1-Methylnaphthalene	12.422	142	94731	5.171	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	43589	5.619	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	26811	6.516	ng		96
43) 2,4,6-Trichlorophenol	12.816	196	21956	4.145	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	25857	4.410	ng	#	90
46) 1,1'-Biphenyl	13.222	154	129671	5.780	ng		96
47) 2-Chloronaphthalene	13.257	162	94000	5.441	ng	#	91
48) 2-Nitroaniline	13.469	65	27124	4.449	ng		88
49) Acenaphthylene	14.104	152	144713	5.195	ng		100
50) Dimethylphthalate	13.851	163	114812	5.321	ng		99
51) 2,6-Dinitrotoluene	13.969	165	20508	4.260	ng	#	68
52) Acenaphthene	14.451	154	89612	5.285	ng		96
53) 3-Nitroaniline	14.298	138	24211	4.536	ng	#	86
54) 2,4-Dinitrophenol	14.504	184	8050	3.197	ng	#	83
55) Dibenzofuran	14.787	168	142169	5.331	ng		92
56) 4-Nitrophenol	14.598	139	18416	3.974	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	25836	4.001	ng	#	75
58) Fluorene	15.434	166	111409	5.227	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	22462	4.571	ng	#	73
60) Diethylphthalate	15.222	149	115448	5.094	ng		96
61) 4-Chlorophenyl-phenyle...	15.439	204	52604	5.449	ng		89
62) 4-Nitroaniline	15.457	138	24228	4.278	ng		92
63) Azobenzene	15.728	77	123020	4.656	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	10645	2.895	ng	#	53
66) n-Nitrosodiphenylamine	15.651	169	93443	4.941	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	28620	4.957	ng	#	83
68) Hexachlorobenzene	16.439	284	34630	5.271	ng	#	89
69) Atrazine	16.610	200	29739	5.039	ng		94
70) Pentachlorophenol	16.781	266	16974	4.072	ng		96
71) Phenanthrene	17.180	178	181144	5.337	ng		100
72) Anthracene	17.269	178	168356	5.133	ng		99
73) Carbazole	17.545	167	162664	4.863	ng		98
74) Di-n-butylphthalate	18.116	149	164456	4.315	ng	#	98
75) Fluoranthene	19.157	202	194905	5.116	ng		94
77) Benzidine	19.345	184	85930	5.317	ng		99
78) Pyrene	19.504	202	207074	4.800	ng		99
80) Butylbenzylphthalate	20.398	149	71529	3.770	ng	#	84
81) Benzo(a)anthracene	21.221	228	212286	5.029	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	66254	5.979	ng	#	97
83) Chrysene	21.274	228	218593	5.342	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	110057	3.861	ng	#	96
85) Di-n-octyl phthalate	22.068	149	175473	3.734	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.962	276	256404	5.143	ng	#	89
88) Benzo(b)fluoranthene	22.857	252	224671	5.027	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	217907	5.079	ng	#	94
90) Benzo(a)pyrene	23.457	252	201745	5.033	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	225302	5.226	ng	#	94
92) Benzo(g,h,i)perylene	26.698	276	217860	5.274	ng	#	91

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

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