Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072121\
Data File : BP006261.D
Acq On : 21 Jul 2021 11:42
Operator : CG/JU
Sample : M2940-01
Misc : LOD-SOIL-5PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 21 12:11:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 11:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	282650	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1125444	20.000	ng	#	0.00
39) Acenaphthene-d10	14.428	164	661538	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1312351	20.000	ng	#	0.00
76) Chrysene-d12	21.274	240	1313964	20.000	ng	#	0.00
86) Perylene-d12	23.633	264	1351135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1987064	117.125	ng		0.00
7) Phenol-d6	6.975	99	2672005	115.199	ng		0.00
23) Nitrobenzene-d5	8.957	82	1309833	70.083	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	745340	109.456	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2827756	65.064	ng		0.00
79) Terphenyl-d14	19.757	244	4170725	63.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	31180	4.395	ng		93
3) Pyridine	3.746	79	72576	3.675	ng		96
4) n-Nitrosodimethylamine	3.652	42	28273	4.222	ng	#	81
6) Aniline	7.134	93	115663	4.504	ng		98
8) 2-Chlorophenol	7.363	128	75276	4.018	ng		93
9) Benzaldehyde	6.952	77	71864	5.381	ng		96
10) Phenol	6.999	94	95882	4.167	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	75135	4.216	ng		92
12) 1,3-Dichlorobenzene	7.693	146	84235	4.104	ng		99
13) 1,4-Dichlorobenzene	7.834	146	87731	4.217	ng		98
14) 1,2-Dichlorobenzene	8.152	146	83036	4.167	ng		99
15) Benzyl Alcohol	8.046	79	64358	3.854	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.340	45	81735	4.552	ng		95
17) 2-Methylphenol	8.246	107	61728	4.044	ng		97
18) Hexachloroethane	8.875	117	30698	4.150	ng		93
19) n-Nitroso-di-n-propyla...	8.610	70	56087	3.947	ng		95
20) 3+4-Methylphenols	8.569	107	78221	3.805	ng		96
22) Acetophenone	8.622	105	113783	4.189	ng	#	98
24) Nitrobenzene	8.999	77	87760	4.417	ng		94
25) Isophorone	9.528	82	135618	3.557	ng		96
26) 2-Nitrophenol	9.710	139	26521	3.553	ng		95
27) 2,4-Dimethylphenol	9.769	122	66019	4.376	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	94272	4.380	ng		98
29) 2,4-Dichlorophenol	10.234	162	56671	3.639	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	69853	3.967	ng		96
31) Naphthalene	10.640	128	246064	4.165	ng		99
32) Benzoic acid	9.822	122	20205	2.158	ng		93
33) 4-Chloroaniline	10.751	127	95465	3.970	ng		97
34) Hexachlorobutadiene	10.928	225	41908	4.014	ng		99
35) Caprolactam	11.534	113	15731	3.357	ng	#	84
36) 4-Chloro-3-methylphenol	11.875	107	65706	3.625	ng		99
37) 2-Methylnaphthalene	12.251	142	168390	4.082	ng		98
38) 1-Methylnaphthalene	12.469	142	154927	3.971	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	76568	4.273	ng		96
41) Hexachlorocyclopentadiene	12.598	237	45240	4.611	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	39912	3.551	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	43916	3.637	ng	#	86
46) 1,1'-Biphenyl	13.269	154	216904	4.448	ng		97
47) 2-Chloronaphthalene	13.304	162	159220	4.241	ng		95
48) 2-Nitroaniline	13.510	65	31478	3.568	ng		95
49) Acenaphthylene	14.151	152	235724	3.944	ng		99
50) Dimethylphthalate	13.898	163	183633	3.956	ng		99
51) 2,6-Dinitrotoluene	14.010	165	29663	3.256	ng	#	87
52) Acenaphthene	14.492	154	149785	4.054	ng		96
53) 3-Nitroaniline	14.334	138	31711	3.285	ng	#	85
54) 2,4-Dinitrophenol	14.539	184	12099	3.131	ng		93
55) Dibenzofuran	14.828	168	241500	4.140	ng		99
56) 4-Nitrophenol	14.639	139	24942	2.912	ng	#	88
57) 2,4-Dinitrotoluene	14.792	165	34467	2.932	ng	#	82
58) Fluorene	15.481	166	192152	4.112	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	34568	3.306	ng	#	74
60) Diethylphthalate	15.269	149	183929	3.839	ng		98
61) 4-Chlorophenyl-phenyle...	15.481	204	90901	4.113	ng		90
62) 4-Nitroaniline	15.492	138	31446	3.119	ng		83
63) Azobenzene	15.775	77	171141	3.548	ng		93
65) 4,6-Dinitro-2-methylph...	15.551	198	16410	2.688	ng		85
66) n-Nitrosodiphenylamine	15.692	169	157969	3.923	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	49060	3.711	ng		91
68) Hexachlorobenzene	16.480	284	60224	3.972	ng		95
69) Atrazine	16.657	200	50016	3.803	ng		95
70) Pentachlorophenol	16.828	266	27695	3.262	ng		96
71) Phenanthrene	17.222	178	304994	4.243	ng		99
72) Anthracene	17.316	178	289548	4.130	ng		98
73) Carbazole	17.586	167	263626	3.751	ng		99
74) Di-n-butylphthalate	18.163	149	286991	3.577	ng		100
75) Fluoranthene	19.192	202	325110	3.941	ng		95
77) Benzidine	19.380	184	132256	3.458	ng		98
78) Pyrene	19.545	202	343238	3.956	ng		100
80) Butylbenzylphthalate	20.439	149	112680	3.066	ng		89
81) Benzo(a)anthracene	21.263	228	331821	3.935	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	104095	4.458	ng	#	95
83) Chrysene	21.310	228	325691	3.989	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	182345	3.291	ng	#	96
85) Di-n-octyl phthalate	22.127	149	300009	3.228	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.062	276	382986	4.001	ng	#	89
88) Benzo(b)fluoranthene	22.910	252	333410	3.824	ng	#	95
89) Benzo(k)fluoranthene	22.962	252	337777	4.161	ng	#	94
90) Benzo(a)pyrene	23.521	252	312590	3.996	ng	#	94
91) Dibenzo(a,h)anthracene	26.092	278	327295	3.953	ng	#	91
92) Benzo(g,h,i)perylene	26.809	276	322791	4.005	ng	#	90

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

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