Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032521\
Data File : BP005045.D
Acq On : 25 Mar 2021 14:27
Operator : CG/JU
Sample : M1458-02
Misc : LOQ-SOIL-5PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT1-2021

Quant Time: Mar 25 14:59:22 2021
Quant Title :
QLast Update : Thu Mar 25 10:21:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	26183	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	94938	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	66271	20.00	ng		0.00
64) Phenanthrene-d10	17.133	188	142926	20.00	ng		# 0.00
76) Chrysene-d12	21.221	240	151145	20.00	ng		0.00
86) Perylene-d12	23.510	264	154222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	143066	84.09	ng		0.00
7) Phenol-d6	6.893	99	198379	81.40	ng		0.00
23) Nitrobenzene-d5	8.875	82	148964	67.32	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	77925	90.25	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	321820	65.69	ng		0.00
79) Terphenyl-d14	19.704	244	573573	69.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	3697	4.99	ng		95
3) Pyridine	3.699	79	6514	3.54	ng	#	89
4) n-Nitrosodimethylamine	3.581	42	2865	4.35	ng	#	66
6) Aniline	7.058	93	14211	5.15	ng	#	89
8) 2-Chlorophenol	7.281	128	8030	4.47	ng		77
9) Benzaldehyde	6.869	77	8822	7.11	ng	#	73
10) Phenol	6.916	94	10932	4.38	ng	#	69
11) bis(2-Chloroethyl)ether	7.152	93	8796	4.81	ng		89
12) 1,3-Dichlorobenzene	7.605	146	9606	4.82	ng	#	88
13) 1,4-Dichlorobenzene	7.757	146	9657	4.77	ng	#	91
14) 1,2-Dichlorobenzene	8.069	146	9448	4.87	ng		99
15) Benzyl Alcohol	7.963	79	7703	4.10	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.257	45	6926	5.16	ng		82
17) 2-Methylphenol	8.169	107	7292	4.57	ng	#	87
18) Hexachloroethane	8.793	117	3689	4.78	ng		83
19) n-Nitroso-di-n-propyla...	8.528	70	6850	4.33	ng	#	93
20) 3+4-Methylphenols	8.493	107	9876	4.54	ng		90
22) Acetophenone	8.540	105	14029	5.14	ng	#	89
24) Nitrobenzene	8.916	77	11369	4.88	ng	#	75
25) Isophorone	9.446	82	18126	4.44	ng	#	88
26) 2-Nitrophenol	9.628	139	3641	4.03	ng	#	54
27) 2,4-Dimethylphenol	9.693	122	7464	5.13	ng		86
28) bis(2-Chloroethoxy)met...	9.934	93	11188	5.41	ng		93
29) 2,4-Dichlorophenol	10.157	162	6797	4.18	ng		92
30) 1,2,4-Trichlorobenzene	10.369	180	9079	4.97	ng		90
31) Naphthalene	10.557	128	26401	4.92	ng	#	94
32) Benzoic acid	9.763	122	2531	2.34	ng	#	83
33) 4-Chloroaniline	10.681	127	10311	4.75	ng	#	75
34) Hexachlorobutadiene	10.846	225	5575	4.74	ng		97
35) Caprolactam	11.457	113	1994	3.73	ng		95
36) 4-Chloro-3-methylphenol	11.810	107	9361	4.76	ng	#	70
37) 2-Methylnaphthalene	12.181	142	18122	4.68	ng	#	92
38) 1-Methylnaphthalene	12.398	142	17376	4.79	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.545	216	10968	5.08	ng		94
41) Hexachlorocyclopentadiene	12.528	237	5544	4.72	ng		93
43) 2,4,6-Trichlorophenol	12.792	196	5943m	3.98	ng		
44) 2,4,5-Trichlorophenol	12.869	196	6856	4.24	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.198	154	24964	4.94	ng		97
47) 2-Chloronaphthalene	13.240	162	19283	4.69	ng		99
48) 2-Nitroaniline	13.457	65	5335	4.07	ng	#	60
49) Acenaphthylene	14.092	152	28015	4.38	ng		97
50) Dimethylphthalate	13.834	163	24394	4.78	ng	#	98
51) 2,6-Dinitrotoluene	13.951	165	4831	4.02	ng	#	66
52) Acenaphthene	14.434	154	18192	4.62	ng		97
53) 3-Nitroaniline	14.287	138	4311	3.89	ng	#	67
54) 2,4-Dinitrophenol	14.498	184	1960	2.69	ng	#	86
55) Dibenzofuran	14.775	168	30882	4.79	ng		96
56) 4-Nitrophenol	14.610	139	2696	2.97	ng	#	61
57) 2,4-Dinitrotoluene	14.745	165	6324	3.98	ng	#	43
58) Fluorene	15.428	166	23776	4.56	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	6330	4.25	ng		94
60) Diethylphthalate	15.204	149	23992	4.81	ng		98
61) 4-Chlorophenyl-phenyle...	15.422	204	13589	4.91	ng		97
62) 4-Nitroaniline	15.451	138	4326m	3.80	ng		
63) Azobenzene	15.716	77	25211	4.42	ng		89
65) 4,6-Dinitro-2-methylph...	15.510	198	3316	3.18	ng		85
66) n-Nitrosodiphenylamine	15.639	169	20382	4.44	ng		95
67) 4-Bromophenyl-phenylether	16.322	248	8231	4.97	ng		94
68) Hexachlorobenzene	16.433	284	9309	5.00	ng		99
69) Atrazine	16.604	200	6672	4.37	ng		95
70) Pentachlorophenol	16.781	266	4941	4.02	ng		97
71) Phenanthrene	17.175	178	40162	4.85	ng		99
72) Anthracene	17.263	178	38501	4.76	ng		96
73) Carbazole	17.539	167	33636	4.42	ng		98
74) Di-n-butylphthalate	18.098	149	36787	4.40	ng		98
75) Fluoranthene	19.151	202	45894	4.71	ng		96
77) Benzidine	19.339	184	14667	4.42	ng		96
78) Pyrene	19.504	202	48149	4.64	ng		98
80) Butylbenzylphthalate	20.380	149	15678	4.07	ng	#	78
81) Benzo(a)anthracene	21.210	228	48465	4.72	ng		98
82) 3,3'-Dichlorobenzidine	21.145	252	15643	4.53	ng		99
83) Chrysene	21.257	228	48235	4.79	ng		97
84) Bis(2-ethylhexyl)phtha...	21.139	149	23241	4.11	ng		97
85) Di-n-octyl phthalate	22.027	149	38906	4.08	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.851	276	53773	4.65	ng		97
88) Benzo(b)fluoranthene	22.815	252	50397	4.60	ng		99
89) Benzo(k)fluoranthene	22.863	252	48670	4.64	ng		98
90) Benzo(a)pyrene	23.404	252	43085	4.39	ng		95
91) Dibenzo(a,h)anthracene	25.862	278	45268	4.53	ng		97
92) Benzo(g,h,i)perylene	26.568	276	44872	4.65	ng	#	95

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

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