Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007981.D
Acq On : 15 Nov 2021 12:19
Operator : CG/JU
Sample : M4068-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 15 12:56:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 12:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	111085	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	450156	20.000	ng		0.00
39) Acenaphthene-d10	14.487	164	319845	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	738934	20.000	ng	#	0.00
76) Chrysene-d12	21.339	240	944504	20.000	ng	#	0.00
86) Perylene-d12	23.751	264	1128873	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	882964	128.943	ng		0.00
7) Phenol-d6	7.016	99	1201500	131.891	ng		0.00
23) Nitrobenzene-d5	9.005	82	682080	81.084	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	660392	131.229	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	1720356	75.448	ng		0.00
79) Terphenyl-d14	19.810	244	3009350	64.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	24199	8.397	ng		95
3) Pyridine	3.746	79	53922	6.523	ng		97
4) n-Nitrosodimethylamine	3.646	42	27948	9.153	ng		96
6) Aniline	7.169	93	94789	9.214	ng		95
8) 2-Chlorophenol	7.411	128	56461	7.799	ng		97
9) Benzaldehyde	6.981	77	52695	8.969	ng		96
10) Phenol	7.046	94	76240	8.626	ng		96
11) bis(2-Chloroethyl)ether	7.269	93	60223	8.291	ng		94
12) 1,3-Dichlorobenzene	7.728	146	64712	7.949	ng		99
13) 1,4-Dichlorobenzene	7.875	146	65757	7.945	ng		99
14) 1,2-Dichlorobenzene	8.193	146	64011	7.659	ng		97
15) Benzyl Alcohol	8.087	79	52815	7.665	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	64458	7.343	ng		94
17) 2-Methylphenol	8.287	107	46276	7.603	ng		98
18) Hexachloroethane	8.922	117	23110	8.234	ng		95
19) n-Nitroso-di-n-propyla...	8.652	70	43506	7.672	ng	#	96
20) 3+4-Methylphenols	8.622	107	63152	7.487	ng		96
22) Acetophenone	8.663	105	88080	7.692	ng	#	99
24) Nitrobenzene	9.040	77	70417	8.759	ng		99
25) Isophorone	9.575	82	113111	7.731	ng		97
26) 2-Nitrophenol	9.758	139	28943	7.052	ng	#	90
27) 2,4-Dimethylphenol	9.822	122	53334	8.797	ng		97
28) bis(2-Chloroethoxy)met...	10.052	93	72158	7.432	ng		97
29) 2,4-Dichlorophenol	10.299	162	56216	7.532	ng		97
30) 1,2,4-Trichlorobenzene	10.505	180	66604	7.800	ng		99
31) Naphthalene	10.693	128	186223	8.101	ng		99
32) Benzoic acid	9.916	122	21079	4.023	ng		96
33) 4-Chloroaniline	10.805	127	78051	7.905	ng		98
34) Hexachlorobutadiene	10.981	225	45755	7.842	ng		98
35) Caprolactam	11.587	113	16067	9.803	ng	#	86
36) 4-Chloro-3-methylphenol	11.940	107	62625	7.426	ng		99
37) 2-Methylnaphthalene	12.304	142	137840	8.205	ng		97
38) 1-Methylnaphthalene	12.522	142	130958	7.993	ng		99
40) 1,2,4,5-Tetrachloroben...	12.675	216	78959	7.409	ng		98
41) Hexachlorocyclopentadiene	12.657	237	32370	6.615	ng		94
43) 2,4,6-Trichlorophenol	12.916	196	50067	6.875	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	54900	6.938	ng		98
46) 1,1'-Biphenyl	13.316	154	178310	7.464	ng		99
47) 2-Chloronaphthalene	13.357	162	144339	7.724	ng		96
48) 2-Nitroaniline	13.563	65	35065	6.611	ng		96
49) Acenaphthylene	14.204	152	221265	7.784	ng		98
50) Dimethylphthalate	13.946	163	187756	7.420	ng		99
51) 2,6-Dinitrotoluene	14.057	165	37847	7.199	ng		95
52) Acenaphthene	14.546	154	136079	7.997	ng		99
53) 3-Nitroaniline	14.393	138	36870	6.879	ng	#	98
54) 2,4-Dinitrophenol	14.598	184	14764	4.654	ng		91
55) Dibenzofuran	14.887	168	229952	7.947	ng		96
56) 4-Nitrophenol	14.710	139	27934	6.395	ng		94
57) 2,4-Dinitrotoluene	14.851	165	51199	7.317	ng		92
58) Fluorene	15.534	166	181114	7.867	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	52306	7.258	ng		93
60) Diethylphthalate	15.310	149	186676	7.654	ng		100
61) 4-Chlorophenyl-phenyle...	15.534	204	100727	8.089	ng		98
62) 4-Nitroaniline	15.551	138	38761	7.036	ng		90
63) Azobenzene	15.828	77	158155	7.702	ng		99
65) 4,6-Dinitro-2-methylph...	15.622	198	25436	5.252	ng		94
66) n-Nitrosodiphenylamine	15.745	169	162366	7.676	ng		98
67) 4-Bromophenyl-phenylether	16.428	248	63672	7.367	ng		97
68) Hexachlorobenzene	16.545	284	76001	7.808	ng		94
69) Atrazine	16.704	200	62123	11.266	ng		99
70) Pentachlorophenol	16.898	266	41048	6.916	ng		99
71) Phenanthrene	17.281	178	307063	7.800	ng		100
72) Anthracene	17.375	178	309812	8.028	ng		99
73) Carbazole	17.651	167	279136	7.345	ng		100
74) Di-n-butylphthalate	18.210	149	304435	7.078	ng		99
75) Fluoranthene	19.257	202	389336	7.811	ng		97
77) Benzidine	19.439	184	209291	14.442	ng		99
78) Pyrene	19.610	202	415978	7.365	ng		100
80) Butylbenzylphthalate	20.486	149	147997	6.346	ng		99
81) Benzo(a)anthracene	21.322	228	458340	7.371	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	176909	6.164	ng		99
83) Chrysene	21.375	228	463972	7.785	ng		98
84) Bis(2-ethylhexyl)phtha...	21.251	149	239149	7.182	ng		99
85) Di-n-octyl phthalate	22.180	149	418456	6.819	ng		97
87) Indeno(1,2,3-cd)pyrene	26.263	276	654373	8.029	ng	#	94
88) Benzo(b)fluoranthene	23.010	252	520791	7.750	ng		98
89) Benzo(k)fluoranthene	23.057	252	521478	7.768	ng		99
90) Benzo(a)pyrene	23.639	252	511758	8.904	ng		98
91) Dibenzo(a,h)anthracene	26.274	278	556763	8.235	ng		97
92) Benzo(g,h,i)perylene	27.027	276	553783	8.309	ng		95

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

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