Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
Data File : BP019556.D
Acq On : 05 Feb 2024 11:24
Operator : MA/JU
Sample : 03572-03
Misc : MDL-SOIL-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2023

Quant Time: Feb 05 11:52:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	64701	20.000	ng		-0.01
21) Naphthalene-d8	10.710	136	273114	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	206538	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	484081	20.000	ng		0.00
76) Chrysene-d12	21.392	240	398969	20.000	ng		0.00
86) Perylene-d12	23.810	264	405813	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	438668	109.287	ng		-0.01
7) Phenol-d6	7.075	99	605661	111.907	ng		-0.01
23) Nitrobenzene-d5	9.075	82	484102	76.806	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	360067	119.401	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1196698	71.628	ng		0.00
79) Terphenyl-d14	19.869	244	2141883	88.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	14031	9.073	ng		98
3) Pyridine	3.787	79	32303	7.705	ng		99
4) n-Nitrosodimethylamine	3.705	42	14746	8.078	ng		93
6) Aniline	7.240	93	54583	10.379	ng		98
8) 2-Chlorophenol	7.469	128	34479	8.367	ng		94
9) Benzaldehyde	7.058	77	36259	9.556	ng		97
10) Phenol	7.099	94	44763	8.298	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	34944	8.327	ng		99
12) 1,3-Dichlorobenzene	7.793	146	40213	7.975	ng		95
13) 1,4-Dichlorobenzene	7.946	146	40697	7.966	ng		97
14) 1,2-Dichlorobenzene	8.257	146	39203	7.931	ng		99
15) Benzyl Alcohol	8.152	79	37390	8.646	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	37182	8.860	ng		96
17) 2-Methylphenol	8.352	107	30225	8.323	ng		98
18) Hexachloroethane	8.975	117	14967	7.558	ng		91
19) n-Nitroso-di-n-propyla...	8.722	70	34126	9.231	ng		98
20) 3+4-Methylphenols	8.681	107	42149	8.504	ng		99
22) Acetophenone	8.740	105	65186	8.378	ng	#	97
24) Nitrobenzene	9.116	77	51213	8.070	ng		96
25) Isophorone	9.640	82	91485	8.334	ng		98
26) 2-Nitrophenol	9.828	139	17309	7.153	ng		96
27) 2,4-Dimethylphenol	9.887	122	28950	9.357	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	52527	8.458	ng		97
29) 2,4-Dichlorophenol	10.357	162	35955	7.687	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	43745	7.628	ng		99
31) Naphthalene	10.757	128	118809	7.932	ng		98
32) Benzoic acid	9.957	122	18588	6.166	ng	#	84
33) 4-Chloroaniline	10.881	127	49363	8.911	ng		98
34) Hexachlorobutadiene	11.034	225	31298	7.365	ng		98
35) Caprolactam	11.640	113	12237	9.242	ng		91
36) 4-Chloro-3-methylphenol	11.993	107	41553	8.148	ng		95
37) 2-Methylnaphthalene	12.369	142	85818	8.279	ng		98
38) 1-Methylnaphthalene	12.587	142	84639	8.309	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	57861	7.264	ng		99
41) Hexachlorocyclopentadiene	12.704	237	30751	8.546	ng		92
43) 2,4,6-Trichlorophenol	12.975	196	32702	6.780	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	37553	7.090	ng	99
46) 1,1'-Biphenyl	13.381	154	126827	7.694	ng	98
47) 2-Chloronaphthalene	13.422	162	97614	7.214	ng	98
48) 2-Nitroaniline	13.634	65	26035	6.881	ng	98
49) Acenaphthylene	14.263	152	157247	8.283	ng	99
50) Dimethylphthalate	14.010	163	131284	8.303	ng	99
51) 2,6-Dinitrotoluene	14.134	165	25904	7.457	ng	95
52) Acenaphthene	14.604	154	90552	7.685	ng	98
53) 3-Nitroaniline	14.457	138	24214	7.585	ng	92
54) 2,4-Dinitrophenol	14.663	184	11272	6.250	ng	86
55) Dibenzofuran	14.945	168	155744	8.116	ng	98
56) 4-Nitrophenol	14.757	139	18316	7.000	ng	95
57) 2,4-Dinitrotoluene	14.916	165	34108	7.493	ng	98
58) Fluorene	15.592	166	127325	8.330	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	35028	7.863	ng	97
60) Diethylphthalate	15.381	149	130484	8.297	ng	97
61) 4-Chlorophenyl-phenyle...	15.598	204	68441	7.967	ng	97
62) 4-Nitroaniline	15.616	138	24765	7.401	ng	95
63) Azobenzene	15.886	77	121740	8.005	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	17066	6.183	ng	95
66) n-Nitrosodiphenylamine	15.810	169	108384	7.476	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	43829	7.243	ng	98
68) Hexachlorobenzene	16.586	284	52220	7.389	ng	99
69) Atrazine	16.775	200	42949	8.928	ng	97
70) Pentachlorophenol	16.939	266	25874	5.879	ng	94
71) Phenanthrene	17.345	178	202070	7.932	ng	98
72) Anthracene	17.433	178	200673	7.896	ng	99
73) Carbazole	17.710	167	172709	7.481	ng	99
74) Di-n-butylphthalate	18.275	149	203866	7.303	ng	100
75) Fluoranthene	19.310	202	232795	7.480	ng	98
77) Benzidine	19.498	184	97794	11.724	ng	98
78) Pyrene	19.663	202	244435	8.681	ng	98
80) Butylbenzylphthalate	20.557	149	73775	7.016	ng	94
81) Benzo(a)anthracene	21.374	228	220197	7.841	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	75028	7.331	ng	97
83) Chrysene	21.427	228	202557	7.597	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	100822	6.297	ng	98
85) Di-n-octyl phthalate	22.269	149	147393	5.232	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	232687	7.491	ng	99
88) Benzo(b)fluoranthene	23.074	252	201163	7.865	ng	98
89) Benzo(k)fluoranthene	23.121	252	181987	7.449	ng	100
90) Benzo(a)pyrene	23.704	252	169285	7.439	ng	98
91) Dibenzo(a,h)anthracene	26.362	278	190306	7.449	ng	97
92) Benzo(g,h,i)perylene	27.104	276	185676	7.164	ng	96

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

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