Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019538.D
Acq On : 02 Feb 2024 21:17
Operator : MA/JU
Sample : 03572-03
Misc : MDL-MDL-SOIL 8PPM
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 02 23:57:19 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

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	42182	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	158423	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	98605	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	228316	20.000	ng		0.00
76) Chrysene-d12	21.386	240	266080	20.000	ng		0.00
86) Perylene-d12	23.804	264	327732	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	539405	206.126	ng		0.00
7) Phenol-d6	7.081	99	687664	194.888	ng		0.00
23) Nitrobenzene-d5	9.081	82	429146	117.379	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	324095	225.112	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	946724	118.692	ng		0.00
79) Terphenyl-d14	19.869	244	1791281	110.713	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	13592	13.481	ng		97
3) Pyridine	3.787	79	29855	10.922	ng		92
4) n-Nitrosodimethylamine	3.711	42	14977	12.585	ng	#	94
6) Aniline	7.240	93	46469	13.553	ng		98
8) 2-Chlorophenol	7.469	128	31431	11.699	ng		100
9) Benzaldehyde	7.058	77	33264	13.446	ng		95
10) Phenol	7.105	94	40566	11.535	ng		92
11) bis(2-Chloroethyl)ether	7.346	93	31475	11.504	ng		95
12) 1,3-Dichlorobenzene	7.799	146	37819	11.504	ng		97
13) 1,4-Dichlorobenzene	7.946	146	37957	11.396	ng		100
14) 1,2-Dichlorobenzene	8.258	146	36526	11.334	ng		98
15) Benzyl Alcohol	8.158	79	31781m	11.273	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	31071	11.356	ng		98
17) 2-Methylphenol	8.352	107	26308	11.111	ng		97
18) Hexachloroethane	8.981	117	14211	11.008	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	27119	11.252	ng		97
20) 3+4-Methylphenols	8.681	107	35330	10.934	ng		94
22) Acetophenone	8.740	105	51976	11.516	ng	#	97
24) Nitrobenzene	9.122	77	40583m	11.025	ng		
25) Isophorone	9.646	82	68133	10.701	ng		99
26) 2-Nitrophenol	9.828	139	14661	10.445	ng		91
27) 2,4-Dimethylphenol	9.887	122	23513	13.101	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	39706	11.022	ng		97
29) 2,4-Dichlorophenol	10.358	162	29366	10.824	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	37246	11.197	ng		100
31) Naphthalene	10.757	128	97167	11.183	ng		98
32) Benzoic acid	9.958	122	16006m	9.153	ng		
33) 4-Chloroaniline	10.881	127	38600	12.013	ng		97
34) Hexachlorobutadiene	11.034	225	28236	11.454	ng		96
35) Caprolactam	11.646	113	8239	10.727	ng		92
36) 4-Chloro-3-methylphenol	11.993	107	31363	10.602	ng		96
37) 2-Methylnaphthalene	12.369	142	64852	10.785	ng		94
38) 1-Methylnaphthalene	12.587	142	63833m	10.802	ng		
40) 1,2,4,5-Tetrachloroben...	12.728	216	45325	11.919	ng		98
41) Hexachlorocyclopentadiene	12.704	237	26165	15.231	ng		93
43) 2,4,6-Trichlorophenol	12.975	196	25253	10.967	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	27087	10.712	ng		98
46) 1,1'-Biphenyl	13.381	154	91470	11.623	ng		97
47) 2-Chloronaphthalene	13.422	162	72093	11.159	ng		99
48) 2-Nitroaniline	13.634	65	18588	10.290	ng		94
49) Acenaphthylene	14.263	152	113161	12.485	ng		99
50) Dimethylphthalate	14.010	163	88675	11.747	ng		98
51) 2,6-Dinitrotoluene	14.134	165	17668	10.653	ng		96
52) Acenaphthene	14.604	154	63683	11.321	ng		99
53) 3-Nitroaniline	14.457	138	17361	11.391	ng		98
54) 2,4-Dinitrophenol	14.663	184	8322	9.664	ng		90
55) Dibenzofuran	14.940	168	108374	11.829	ng		98
56) 4-Nitrophenol	14.757	139	14128	11.309	ng		95
57) 2,4-Dinitrotoluene	14.916	165	22535	10.369	ng	#	99
58) Fluorene	15.593	166	86711	11.883	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	23771	11.177	ng		97
60) Diethylphthalate	15.375	149	86106	11.468	ng		98
61) 4-Chlorophenyl-phenyle...	15.593	204	47726	11.636	ng		99
62) 4-Nitroaniline	15.616	138	18894	11.827	ng		93
63) Azobenzene	15.887	77	83287	11.471	ng		97
65) 4,6-Dinitro-2-methylph...	15.669	198	11514	8.844	ng		96
66) n-Nitrosodiphenylamine	15.810	169	74597	10.909	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	28833	10.102	ng		98
68) Hexachlorobenzene	16.587	284	35395	10.619	ng		96
69) Atrazine	16.769	200	30346	13.374	ng		93
70) Pentachlorophenol	16.939	266	20160	9.713	ng		98
71) Phenanthrene	17.339	178	143338	11.929	ng		98
72) Anthracene	17.434	178	140857	11.752	ng		98
73) Carbazole	17.704	167	127202	11.682	ng		99
74) Di-n-butylphthalate	18.269	149	148347	11.268	ng		98
75) Fluoranthene	19.304	202	178572	12.166	ng		99
77) Benzidine	19.498	184	85003	15.280	ng		100
78) Pyrene	19.657	202	187868	10.004	ng		99
80) Butylbenzylphthalate	20.551	149	69132	9.858	ng		100
81) Benzo(a)anthracene	21.375	228	216108	11.538	ng		98
82) 3,3'-Dichlorobenzidine	21.310	252	83232	12.195	ng		95
83) Chrysene	21.422	228	201470	11.330	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	111416	10.433	ng		99
85) Di-n-octyl phthalate	22.263	149	189365	10.079	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	276979	11.041	ng		100
88) Benzo(b)fluoranthene	23.063	252	226757	10.978	ng		98
89) Benzo(k)fluoranthene	23.116	252	222945	11.299	ng		99
90) Benzo(a)pyrene	23.692	252	201339	10.955	ng		98
91) Dibenzo(a,h)anthracene	26.351	278	230968	11.194	ng		98
92) Benzo(g,h,i)perylene	27.092	276	222985	10.653	ng		99

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

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