Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019540.D
Acq On : 02 Feb 2024 22:25
Operator : MA/JU
Sample : 03572-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 02 23:58:56 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	7.910	152	78027	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	325955	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	237535	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	528056	20.000	ng		0.00
76) Chrysene-d12	21.386	240	404239	20.000	ng		0.00
86) Perylene-d12	23.804	264	447374	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	622762	128.653	ng		0.00
7) Phenol-d6	7.081	99	846975	129.766	ng		0.00
23) Nitrobenzene-d5	9.081	82	580498	77.170	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	498123	143.627	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1438645	74.873	ng		0.00
79) Terphenyl-d14	19.869	244	2241517	91.190	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7569	4.058	ng		97
3) Pyridine	3.793	79	18685m	3.695	ng		
4) n-Nitrosodimethylamine	3.717	42	8300	3.770	ng	#	84
6) Aniline	7.240	93	29993	4.729	ng		98
8) 2-Chlorophenol	7.469	128	18752	3.773	ng		97
9) Benzaldehyde	7.063	77	22036	4.815	ng		90
10) Phenol	7.105	94	25859	3.975	ng		88
11) bis(2-Chloroethyl)ether	7.346	93	19723	3.897	ng		93
12) 1,3-Dichlorobenzene	7.793	146	22952	3.774	ng		94
13) 1,4-Dichlorobenzene	7.946	146	23275	3.778	ng		93
14) 1,2-Dichlorobenzene	8.258	146	22431	3.763	ng		100
15) Benzyl Alcohol	8.158	79	20818m	3.992	ng		
16) 2,2'-oxybis(1-Chloropr...	8.452	45	20673	4.085	ng		96
17) 2-Methylphenol	8.352	107	17361	3.964	ng		94
18) Hexachloroethane	8.981	117	8760	3.668	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	18480	4.145	ng	#	92
20) 3+4-Methylphenols	8.681	107	22655	3.790	ng		96
22) Acetophenone	8.740	105	38132	4.106	ng	#	96
24) Nitrobenzene	9.116	77	28491m	3.762	ng		
25) Isophorone	9.646	82	51312	3.917	ng		96
26) 2-Nitrophenol	9.828	139	9340	3.234	ng		95
27) 2,4-Dimethylphenol	9.887	122	16211	4.390	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	28785	3.883	ng		96
29) 2,4-Dichlorophenol	10.357	162	20957	3.754	ng		92
30) 1,2,4-Trichlorobenzene	10.569	180	24601	3.594	ng		98
31) Naphthalene	10.763	128	67514	3.777	ng		96
32) Benzoic acid	9.952	122	9402m	2.613	ng		
33) 4-Chloroaniline	10.881	127	27502	4.160	ng		98
34) Hexachlorobutadiene	11.040	225	17830	3.515	ng		97
35) Caprolactam	11.646	113	5778	3.656	ng	#	80
36) 4-Chloro-3-methylphenol	11.993	107	22956	3.772	ng		99
37) 2-Methylnaphthalene	12.369	142	47664	3.853	ng		100
38) 1-Methylnaphthalene	12.587	142	47489	3.906	ng		95
40) 1,2,4,5-Tetrachloroben...	12.728	216	32491	3.547	ng		100
41) Hexachlorocyclopentadiene	12.704	237	17111	4.135	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	18527	3.340	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	21153	3.473	ng		98
46) 1,1'-Biphenyl	13.381	154	70321	3.709	ng		97
47) 2-Chloronaphthalene	13.422	162	54324	3.491	ng		97
48) 2-Nitroaniline	13.634	65	14393	3.307	ng		93
49) Acenaphthylene	14.263	152	85850	3.932	ng		99
50) Dimethylphthalate	14.010	163	70545	3.880	ng		99
51) 2,6-Dinitrotoluene	14.134	165	14280	3.574	ng		96
52) Acenaphthene	14.604	154	50130	3.699	ng		94
53) 3-Nitroaniline	14.457	138	13068	3.559	ng	#	94
54) 2,4-Dinitrophenol	14.663	184	5579	2.690	ng		92
55) Dibenzofuran	14.940	168	85570	3.877	ng		96
56) 4-Nitrophenol	14.757	139	8880	2.951	ng		97
57) 2,4-Dinitrotoluene	14.916	165	17034	3.254	ng		93
58) Fluorene	15.592	166	67063	3.815	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	19656	3.836	ng		97
60) Diethylphthalate	15.375	149	68017	3.761	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	38201	3.866	ng		98
62) 4-Nitroaniline	15.616	138	12851	3.339	ng		97
63) Azobenzene	15.887	77	64551	3.691	ng		99
65) 4,6-Dinitro-2-methylph...	15.675	198	8158	2.709	ng		92
66) n-Nitrosodiphenylamine	15.810	169	58473	3.697	ng		97
67) 4-Bromophenyl-phenylether	16.492	248	23438	3.550	ng		98
68) Hexachlorobenzene	16.587	284	27808	3.607	ng		95
69) Atrazine	16.769	200	22469	4.282	ng		98
70) Pentachlorophenol	16.939	266	13373	2.786	ng		97
71) Phenanthrene	17.339	178	108112	3.890	ng		98
72) Anthracene	17.428	178	105848	3.818	ng		99
73) Carbazole	17.704	167	89077	3.537	ng		99
74) Di-n-butylphthalate	18.269	149	100187	3.290	ng		99
75) Fluoranthene	19.304	202	117604	3.464	ng		98
77) Benzidine	19.492	184	44412	5.255	ng		97
78) Pyrene	19.657	202	118512	4.154	ng		100
80) Butylbenzylphthalate	20.551	149	33896	3.181	ng		97
81) Benzo(a)anthracene	21.369	228	107009	3.761	ng		100
82) 3,3'-Dichlorobenzidine	21.310	252	36746	3.544	ng		98
83) Chrysene	21.422	228	98669	3.652	ng		98
84) Bis(2-ethylhexyl)phtha...	21.322	149	46603	2.873	ng		99
85) Di-n-octyl phthalate	22.263	149	72599	2.543	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	122960	3.591	ng		99
88) Benzo(b)fluoranthene	23.063	252	96978	3.439	ng		98
89) Benzo(k)fluoranthene	23.110	252	97794	3.631	ng		97
90) Benzo(a)pyrene	23.692	252	86322	3.441	ng	#	97
91) Dibenzo(a,h)anthracene	26.345	278	102562	3.641	ng		96
92) Benzo(g,h,i)perylene	27.086	276	98112	3.434	ng		98

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

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