Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019542.D
Acq On : 02 Feb 2024 23:33
Operator : MA/JU
Sample : 04699-01
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Feb 03 00:09:27 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 :
LOD-MDL-SOIL-01-QT4-2023

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	86083	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	362097	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	264686	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	606361	20.000	ng		0.00
76) Chrysene-d12	21.386	240	416986	20.000	ng		0.00
86) Perylene-d12	23.804	264	414592	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	671831	125.802	ng		0.00
7) Phenol-d6	7.081	99	934821	129.822	ng		0.00
23) Nitrobenzene-d5	9.081	82	650856	77.887	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	577028	149.311	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1624847	75.889	ng		0.00
79) Terphenyl-d14	19.869	244	2574032	101.517	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	8419	4.092	ng	#	93
3) Pyridine	3.793	79	20155	3.613	ng		97
4) n-Nitrosodimethylamine	3.711	42	9066	3.733	ng	#	99
6) Aniline	7.246	93	33250	4.752	ng		99
8) 2-Chlorophenol	7.469	128	20461	3.732	ng		96
9) Benzaldehyde	7.057	77	25030	4.958	ng		95
10) Phenol	7.104	94	28182	3.927	ng		86
11) bis(2-Chloroethyl)ether	7.346	93	22022	3.944	ng		97
12) 1,3-Dichlorobenzene	7.793	146	25243	3.763	ng		96
13) 1,4-Dichlorobenzene	7.946	146	25710	3.783	ng		97
14) 1,2-Dichlorobenzene	8.257	146	24813	3.773	ng		97
15) Benzyl Alcohol	8.157	79	24871	4.323	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	23134	4.143	ng		97
17) 2-Methylphenol	8.351	107	18869	3.905	ng		98
18) Hexachloroethane	8.981	117	9768	3.708	ng		91
19) n-Nitroso-di-n-propyla...	8.722	70	21222	4.315	ng		98
20) 3+4-Methylphenols	8.681	107	25552	3.875	ng		96
22) Acetophenone	8.740	105	41684	4.041	ng	#	97
24) Nitrobenzene	9.122	77	32792	3.897	ng		98
25) Isophorone	9.646	82	58561	4.024	ng		96
26) 2-Nitrophenol	9.828	139	11202	3.492	ng		93
27) 2,4-Dimethylphenol	9.887	122	18065	4.404	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	32013	3.888	ng		97
29) 2,4-Dichlorophenol	10.357	162	23351	3.766	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	28000	3.683	ng		98
31) Naphthalene	10.757	128	74132	3.733	ng		98
32) Benzoic acid	9.951	122	11426m	2.859	ng		
33) 4-Chloroaniline	10.881	127	32231	4.389	ng		97
34) Hexachlorobutadiene	11.034	225	20068	3.562	ng		96
35) Caprolactam	11.645	113	6981	3.977	ng		97
36) 4-Chloro-3-methylphenol	11.992	107	25881	3.828	ng		98
37) 2-Methylnaphthalene	12.369	142	54243	3.947	ng		94
38) 1-Methylnaphthalene	12.587	142	52242	3.868	ng		95
40) 1,2,4,5-Tetrachloroben...	12.734	216	37826	3.706	ng		98
41) Hexachlorocyclopentadiene	12.704	237	19163	4.156	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	20821	3.368	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	22602	3.330	ng		96
46) 1,1'-Biphenyl	13.381	154	79520	3.764	ng		98
47) 2-Chloronaphthalene	13.422	162	61813	3.564	ng		96
48) 2-Nitroaniline	13.634	65	16009	3.301	ng		99
49) Acenaphthylene	14.263	152	97514	4.008	ng		99
50) Dimethylphthalate	14.010	163	82455	4.069	ng		98
51) 2,6-Dinitrotoluene	14.134	165	15698	3.526	ng		92
52) Acenaphthene	14.604	154	57210	3.789	ng		98
53) 3-Nitroaniline	14.457	138	14689	3.590	ng	#	95
54) 2,4-Dinitrophenol	14.663	184	5867	2.538	ng		93
55) Dibenzofuran	14.939	168	95279	3.874	ng		99
56) 4-Nitrophenol	14.757	139	10357	3.089	ng		95
57) 2,4-Dinitrotoluene	14.916	165	20435	3.503	ng	#	98
58) Fluorene	15.592	166	78684	4.017	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	21725	3.805	ng	#	99
60) Diethylphthalate	15.381	149	78503	3.895	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	43845	3.982	ng		97
62) 4-Nitroaniline	15.616	138	14942m	3.484	ng		
63) Azobenzene	15.886	77	73098	3.751	ng		95
65) 4,6-Dinitro-2-methylph...	15.669	198	9624	2.784	ng		92
66) n-Nitrosodiphenylamine	15.810	169	66310	3.651	ng		97
67) 4-Bromophenyl-phenylether	16.492	248	26842	3.541	ng		98
68) Hexachlorobenzene	16.586	284	32040	3.620	ng		91
69) Atrazine	16.769	200	25863	4.292	ng		99
70) Pentachlorophenol	16.939	266	15338	2.782	ng		98
71) Phenanthrene	17.339	178	123210	3.861	ng		99
72) Anthracene	17.427	178	121772	3.825	ng		99
73) Carbazole	17.704	167	101130	3.497	ng		99
74) Di-n-butylphthalate	18.269	149	115185	3.294	ng		99
75) Fluoranthene	19.304	202	131704	3.379	ng		99
77) Benzidine	19.498	184	50427	5.784	ng		99
78) Pyrene	19.657	202	134708	4.577	ng		98
80) Butylbenzylphthalate	20.551	149	35525	3.232	ng		96
81) Benzo(a)anthracene	21.368	228	109892	3.744	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	35373	3.307	ng		98
83) Chrysene	21.421	228	100827	3.618	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	45795	2.736	ng		99
85) Di-n-octyl phthalate	22.263	149	64800	2.201	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	118049	3.720	ng	#	90
88) Benzo(b)fluoranthene	23.062	252	94948m	3.634	ng		
89) Benzo(k)fluoranthene	23.115	252	84431	3.383	ng		98
90) Benzo(a)pyrene	23.692	252	80234	3.451	ng		98
91) Dibenzo(a,h)anthracene	26.351	278	100145	3.837	ng		99
92) Benzo(g,h,i)perylene	27.092	276	97762	3.692	ng		99

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

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