Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
Data File : BP019543.D
Acq On : 03 Feb 2024 00:07
Operator : MA/JU
Sample : 04699-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 03 00:47:16 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	53315	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	229812	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	168864	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	372160	20.000	ng		0.00
76) Chrysene-d12	21.386	240	264982	20.000	ng		0.00
86) Perylene-d12	23.804	264	284060	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	674005	203.778	ng		0.00
7) Phenol-d6	7.081	99	920474	206.395	ng		0.00
23) Nitrobenzene-d5	9.081	82	623145	117.495	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	563716	228.638	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1563009	114.426	ng		0.00
79) Terphenyl-d14	19.869	244	2374542	147.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	16789	13.175	ng		97
3) Pyridine	3.787	79	38884	11.255	ng		98
4) n-Nitrosodimethylamine	3.711	42	18649	12.398	ng		94
6) Aniline	7.246	93	62870	14.508	ng		99
8) 2-Chlorophenol	7.469	128	39955	11.766	ng		98
9) Benzaldehyde	7.058	77	44548	14.247	ng		99
10) Phenol	7.105	94	55334	12.449	ng		93
11) bis(2-Chloroethyl)ether	7.346	93	43493	12.577	ng		96
12) 1,3-Dichlorobenzene	7.793	146	48440	11.658	ng		99
13) 1,4-Dichlorobenzene	7.946	146	48791	11.590	ng		99
14) 1,2-Dichlorobenzene	8.258	146	47743	11.722	ng		98
15) Benzyl Alcohol	8.152	79	46298	12.993	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.452	45	44405	12.841	ng		95
17) 2-Methylphenol	8.357	107	37473	12.522	ng		98
18) Hexachloroethane	8.981	117	18616	11.409	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	41678	13.682	ng		98
20) 3+4-Methylphenols	8.681	107	49841	12.204	ng		98
22) Acetophenone	8.740	105	78462	11.984	ng	#	97
24) Nitrobenzene	9.122	77	61464	11.510	ng		100
25) Isophorone	9.646	82	113499	12.288	ng		98
26) 2-Nitrophenol	9.828	139	21942	10.777	ng		98
27) 2,4-Dimethylphenol	9.887	122	35950	13.808	ng		90
28) bis(2-Chloroethoxy)met...	10.134	93	62985	12.052	ng		100
29) 2,4-Dichlorophenol	10.357	162	44796	11.382	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	52092	10.795	ng		97
31) Naphthalene	10.757	128	142647	11.317	ng		99
32) Benzoic acid	9.963	122	24619m	9.705	ng		
33) 4-Chloroaniline	10.881	127	60615	13.004	ng		96
34) Hexachlorobutadiene	11.034	225	38107	10.657	ng		98
35) Caprolactam	11.651	113	14173	12.721	ng		94
36) 4-Chloro-3-methylphenol	11.998	107	52045	12.128	ng		99
37) 2-Methylnaphthalene	12.369	142	103968	11.919	ng		98
38) 1-Methylnaphthalene	12.587	142	103868	12.117	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	71055	10.911	ng		99
41) Hexachlorocyclopentadiene	12.704	237	37829	12.858	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	41482	10.519	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	45736	10.562	ng		98
46) 1,1'-Biphenyl	13.381	154	152800	11.337	ng		98
47) 2-Chloronaphthalene	13.422	162	117915	10.658	ng		99
48) 2-Nitroaniline	13.634	65	33725	10.902	ng		94
49) Acenaphthylene	14.263	152	190065	12.245	ng		98
50) Dimethylphthalate	14.010	163	153542	11.878	ng		99
51) 2,6-Dinitrotoluene	14.134	165	31417	11.062	ng		97
52) Acenaphthene	14.604	154	108268	11.239	ng		99
53) 3-Nitroaniline	14.457	138	29787	11.412	ng	#	97
54) 2,4-Dinitrophenol	14.663	184	13124	8.900	ng		89
55) Dibenzofuran	14.940	168	187329	11.939	ng		99
56) 4-Nitrophenol	14.757	139	21902	10.238	ng		99
57) 2,4-Dinitrotoluene	14.916	165	40901	10.989	ng	#	98
58) Fluorene	15.592	166	150826	12.069	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	44364	12.180	ng		99
60) Diethylphthalate	15.381	149	153910	11.970	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	84195	11.987	ng		99
62) 4-Nitroaniline	15.616	138	28382	10.374	ng		93
63) Azobenzene	15.887	77	145646	11.714	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	19952	9.402	ng		94
66) n-Nitrosodiphenylamine	15.810	169	128565	11.535	ng		100
67) 4-Bromophenyl-phenylether	16.492	248	50496	10.854	ng		97
68) Hexachlorobenzene	16.586	284	59784	11.004	ng		99
69) Atrazine	16.769	200	50844	13.747	ng		99
70) Pentachlorophenol	16.939	266	31628	9.348	ng		99
71) Phenanthrene	17.339	178	231943	11.843	ng		99
72) Anthracene	17.433	178	228733	11.707	ng		100
73) Carbazole	17.704	167	191762	10.804	ng		99
74) Di-n-butylphthalate	18.269	149	232505	10.834	ng		99
75) Fluoranthene	19.304	202	249655	10.435	ng		99
77) Benzidine	19.498	184	101889	18.392	ng		97
78) Pyrene	19.657	202	254280	13.597	ng		100
80) Butylbenzylphthalate	20.551	149	75526	10.814	ng		96
81) Benzo(a)anthracene	21.369	228	216305	11.596	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	73965	10.882	ng		98
83) Chrysene	21.422	228	199421	11.261	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	98968	9.306	ng		99
85) Di-n-octyl phthalate	22.263	149	150954	8.068	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	251598	11.571	ng		99
88) Benzo(b)fluoranthene	23.063	252	201995	11.283	ng		99
89) Benzo(k)fluoranthene	23.116	252	184020	10.760	ng		99
90) Benzo(a)pyrene	23.692	252	172937	10.856	ng		99
91) Dibenzo(a,h)anthracene	26.351	278	208096	11.636	ng		98
92) Benzo(g,h,i)perylene	27.098	276	205292	11.315	ng		99

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

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