Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019513.D
Acq On : 01 Feb 2024 18:47
Operator : MA/JU
Sample : 03572-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 02 03:22:31 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-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	74678	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	310415	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	205900	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	403875	20.000	ng		0.00
76) Chrysene-d12	21.392	240	357661	20.000	ng		0.00
86) Perylene-d12	23.810	264	454626	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	621654	134.184	ng		0.00
7) Phenol-d6	7.081	99	829449	132.780	ng		0.00
23) Nitrobenzene-d5	9.081	82	568109	79.303	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	377282	125.498	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1304801	78.341	ng		0.00
79) Terphenyl-d14	19.869	244	1726277	79.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	14928	8.363	ng		95
3) Pyridine	3.787	79	36039	7.447	ng		99
4) n-Nitrosodimethylamine	3.711	42	16324	7.748	ng	#	98
6) Aniline	7.246	93	57859	9.532	ng		99
8) 2-Chlorophenol	7.475	128	37403	7.864	ng		97
9) Benzaldehyde	7.057	77	39457	9.009	ng		95
10) Phenol	7.104	94	50272	8.074	ng		86
11) bis(2-Chloroethyl)ether	7.352	93	40185	8.296	ng		97
12) 1,3-Dichlorobenzene	7.799	146	45563	7.829	ng		98
13) 1,4-Dichlorobenzene	7.952	146	47249	8.013	ng		96
14) 1,2-Dichlorobenzene	8.263	146	44009	7.714	ng		97
15) Benzyl Alcohol	8.157	79	42619	8.539	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	41332	8.533	ng		98
17) 2-Methylphenol	8.357	107	34828	8.309	ng		96
18) Hexachloroethane	8.987	117	17967	7.861	ng		91
19) n-Nitroso-di-n-propyla...	8.728	70	37294	8.740	ng	#	95
20) 3+4-Methylphenols	8.687	107	46384	8.108	ng		94
22) Acetophenone	8.740	105	69101	7.814	ng	#	97
24) Nitrobenzene	9.122	77	54230	7.519	ng		98
25) Isophorone	9.646	82	97280	7.797	ng		99
26) 2-Nitrophenol	9.828	139	19311	7.022	ng		97
27) 2,4-Dimethylphenol	9.887	122	32373	9.206	ng		95
28) bis(2-Chloroethoxy)met...	10.140	93	56222	7.965	ng		99
29) 2,4-Dichlorophenol	10.357	162	39862	7.499	ng		94
30) 1,2,4-Trichlorobenzene	10.575	180	47351	7.265	ng		98
31) Naphthalene	10.763	128	126950	7.457	ng		100
32) Benzoic acid	9.957	122	19896m	5.807	ng		
33) 4-Chloroaniline	10.881	127	52995	8.417	ng		97
34) Hexachlorobutadiene	11.040	225	34330	7.108	ng		99
35) Caprolactam	11.651	113	10767	7.155	ng		91
36) 4-Chloro-3-methylphenol	11.998	107	42809	7.385	ng		97
37) 2-Methylnaphthalene	12.369	142	89006	7.554	ng		98
38) 1-Methylnaphthalene	12.587	142	88481	7.642	ng		95
40) 1,2,4,5-Tetrachloroben...	12.734	216	61483	7.743	ng		98
41) Hexachlorocyclopentadiene	12.710	237	34113	9.510	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	33653	6.999	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	37227	7.051	ng		99
46) 1,1'-Biphenyl	13.387	154	124937	7.603	ng		100
47) 2-Chloronaphthalene	13.422	162	98774	7.322	ng		98
48) 2-Nitroaniline	13.634	65	25414	6.737	ng		96
49) Acenaphthylene	14.269	152	150697	7.962	ng		100
50) Dimethylphthalate	14.016	163	116884	7.415	ng		99
51) 2,6-Dinitrotoluene	14.134	165	23079	6.664	ng		97
52) Acenaphthene	14.610	154	85041	7.240	ng		98
53) 3-Nitroaniline	14.457	138	21688	6.815	ng		91
54) 2,4-Dinitrophenol	14.663	184	9790	5.445	ng	#	88
55) Dibenzofuran	14.945	168	145966	7.630	ng		99
56) 4-Nitrophenol	14.757	139	16097	6.171	ng		96
57) 2,4-Dinitrotoluene	14.916	165	29359	6.469	ng	#	96
58) Fluorene	15.592	166	112529	7.385	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	31697	7.137	ng		100
60) Diethylphthalate	15.381	149	111070	7.084	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	62881	7.342	ng		98
62) 4-Nitroaniline	15.616	138	21962	6.583	ng		94
63) Azobenzene	15.892	77	109009	7.190	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	12792	5.555	ng		94
66) n-Nitrosodiphenylamine	15.810	169	93202	7.705	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	37433	7.414	ng		100
68) Hexachlorobenzene	16.586	284	42655	7.235	ng		95
69) Atrazine	16.769	200	33941	8.456	ng		97
70) Pentachlorophenol	16.939	266	21884	5.960	ng		94
71) Phenanthrene	17.339	178	163555	7.695	ng		99
72) Anthracene	17.433	178	165519	7.807	ng		100
73) Carbazole	17.710	167	134560	6.986	ng		99
74) Di-n-butylphthalate	18.275	149	156864	6.735	ng		99
75) Fluoranthene	19.310	202	176338	6.791	ng		99
77) Benzidine	19.498	184	88522	11.838	ng		98
78) Pyrene	19.663	202	183563	7.272	ng		99
80) Butylbenzylphthalate	20.557	149	62706	6.652	ng		96
81) Benzo(a)anthracene	21.374	228	189979	7.546	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	74604	8.132	ng		100
83) Chrysene	21.427	228	174649	7.307	ng		98
84) Bis(2-ethylhexyl)phtha...	21.327	149	101425	7.066	ng		99
85) Di-n-octyl phthalate	22.268	149	177056	7.011	ng		99
87) Indeno(1,2,3-cd)pyrene	26.327	276	259346	7.452	ng		99
88) Benzo(b)fluoranthene	23.068	252	210571	7.349	ng		99
89) Benzo(k)fluoranthene	23.121	252	187673	6.857	ng		98
90) Benzo(a)pyrene	23.704	252	184008	7.218	ng		97
91) Dibenzo(a,h)anthracene	26.362	278	217428	7.597	ng		100
92) Benzo(g,h,i)perylene	27.103	276	206394	7.108	ng		95

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

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