Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019512.D
Acq On : 01 Feb 2024 18:13
Operator : MA/JU
Sample : 03572-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 02 03:21:48 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	64783	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	278811	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	201242	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	453536	20.000	ng		0.00
76) Chrysene-d12	21.392	240	332473	20.000	ng		0.00
86) Perylene-d12	23.810	264	355495	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	558428	138.947	ng		0.00
7) Phenol-d6	7.081	99	764770	141.126	ng		0.00
23) Nitrobenzene-d5	9.081	82	527310	81.952	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	425112	144.681	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1273848	78.252	ng		0.00
79) Terphenyl-d14	19.869	244	1968560	97.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7477	4.829	ng		97
3) Pyridine	3.793	79	15813	3.767	ng		96
4) n-Nitrosodimethylamine	3.711	42	7800m	4.268	ng		
6) Aniline	7.246	93	26821	5.094	ng		99
8) 2-Chlorophenol	7.469	128	16990	4.118	ng		98
9) Benzaldehyde	7.058	77	19552	5.146	ng		96
10) Phenol	7.105	94	23338	4.321	ng		89
11) bis(2-Chloroethyl)ether	7.346	93	18313	4.358	ng		98
12) 1,3-Dichlorobenzene	7.799	146	20805	4.121	ng		98
13) 1,4-Dichlorobenzene	7.946	146	21405	4.185	ng		98
14) 1,2-Dichlorobenzene	8.258	146	20264	4.094	ng		90
15) Benzyl Alcohol	8.158	79	19348m	4.468	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	19417m	4.621	ng		
17) 2-Methylphenol	8.358	107	15501	4.263	ng		96
18) Hexachloroethane	8.981	117	7843	3.956	ng		90
19) n-Nitroso-di-n-propyla...	8.722	70	16864	4.556	ng		97
20) 3+4-Methylphenols	8.681	107	21419	4.316	ng		98
22) Acetophenone	8.740	105	33524	4.221	ng	#	97
24) Nitrobenzene	9.122	77	27194	4.198	ng		98
25) Isophorone	9.646	82	46539	4.153	ng		99
26) 2-Nitrophenol	9.834	139	8665	3.508	ng		95
27) 2,4-Dimethylphenol	9.893	122	14806	4.687	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	26349	4.156	ng		99
29) 2,4-Dichlorophenol	10.363	162	18684	3.913	ng		94
30) 1,2,4-Trichlorobenzene	10.575	180	22483	3.840	ng		96
31) Naphthalene	10.763	128	59289	3.877	ng		99
32) Benzoic acid	9.946	122	9364m	3.043	ng		
33) 4-Chloroaniline	10.887	127	25080	4.435	ng		98
34) Hexachlorobutadiene	11.040	225	15430	3.557	ng		96
35) Caprolactam	11.651	113	5776m	4.273	ng		
36) 4-Chloro-3-methylphenol	11.999	107	20191	3.878	ng		95
37) 2-Methylnaphthalene	12.375	142	42961	4.060	ng		100
38) 1-Methylnaphthalene	12.593	142	43608	4.193	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	28506	3.673	ng		99
41) Hexachlorocyclopentadiene	12.710	237	14097	4.021	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	16495	3.510	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	17767	3.443	ng		97
46) 1,1'-Biphenyl	13.387	154	61849	3.851	ng		97
47) 2-Chloronaphthalene	13.422	162	47908	3.634	ng		97
48) 2-Nitroaniline	13.634	65	13271	3.600	ng		93
49) Acenaphthylene	14.269	152	78115	4.223	ng		99
50) Dimethylphthalate	14.016	163	62243	4.040	ng	#	98
51) 2,6-Dinitrotoluene	14.134	165	12131	3.584	ng		93
52) Acenaphthene	14.610	154	43886	3.823	ng		98
53) 3-Nitroaniline	14.457	138	11626	3.738	ng	#	89
54) 2,4-Dinitrophenol	14.669	184	4845	2.757	ng	#	81
55) Dibenzofuran	14.945	168	75915	4.060	ng		99
56) 4-Nitrophenol	14.763	139	8887	3.486	ng		89
57) 2,4-Dinitrotoluene	14.922	165	15314	3.453	ng		96
58) Fluorene	15.598	166	60778	4.081	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	17201	3.963	ng		97
60) Diethylphthalate	15.381	149	61286	4.000	ng		97
61) 4-Chlorophenyl-phenyle...	15.598	204	33401	3.990	ng		95
62) 4-Nitroaniline	15.622	138	12216	3.747	ng		99
63) Azobenzene	15.892	77	59067	3.986	ng		96
65) 4,6-Dinitro-2-methylph...	15.675	198	6522	2.522	ng		88
66) n-Nitrosodiphenylamine	15.816	169	51356	3.781	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	20477	3.612	ng		98
68) Hexachlorobenzene	16.592	284	24563	3.710	ng		96
69) Atrazine	16.775	200	20209	4.484	ng		97
70) Pentachlorophenol	16.939	266	11457	2.779	ng		97
71) Phenanthrene	17.345	178	97126	4.069	ng		99
72) Anthracene	17.434	178	94622	3.974	ng		98
73) Carbazole	17.710	167	79708	3.685	ng		99
74) Di-n-butylphthalate	18.275	149	87864	3.360	ng		99
75) Fluoranthene	19.310	202	104399	3.581	ng		99
77) Benzidine	19.498	184	40574	5.837	ng		98
78) Pyrene	19.663	202	107960	4.601	ng		99
80) Butylbenzylphthalate	20.557	149	29545	3.372	ng		94
81) Benzo(a)anthracene	21.380	228	89410	3.820	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	30966	3.631	ng		99
83) Chrysene	21.433	228	85621	3.853	ng		97
84) Bis(2-ethylhexyl)phtha...	21.327	149	38874	2.913	ng		98
85) Di-n-octyl phthalate	22.274	149	60415	2.573	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	108367	3.982	ng		98
88) Benzo(b)fluoranthene	23.074	252	82516	3.683	ng		97
89) Benzo(k)fluoranthene	23.121	252	77620	3.627	ng		98
90) Benzo(a)pyrene	23.704	252	72565	3.640	ng		95
91) Dibenzo(a,h)anthracene	26.374	278	90090	4.025	ng		100
92) Benzo(g,h,i)perylene	27.104	276	88293	3.889	ng		98

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

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