Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047154.D
Acq On : 12 Aug 2024 13:05
Operator : RC/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-4NG
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 14:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/13/2024
Supervised By :mohammad ahmed
08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	223287	20.000	ng		0.00
21) Naphthalene-d8	10.127	136	984044	20.000	ng		0.00
39) Acenaphthene-d10	14.033	164	657208	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1516781	20.000	ng		0.00
76) Chrysene-d12	21.033	240	1506974	20.000	ng		0.00
86) Perylene-d12	23.727	264	1901369	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1528633	122.328	ng		0.00
7) Phenol-d6	6.587	99	2108300	122.443	ng		0.00
23) Nitrobenzene-d5	8.522	82	1504642	76.992	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	1027530	134.839	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	3172007	74.450	ng		0.00
79) Terphenyl-d14	19.462	244	5979802	85.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	21357	4.125	ng	#	96
3) Pyridine	3.422	79	51563	3.396	ng		96
4) n-Nitrosodimethylamine	3.328	42	27295	4.115	ng	#	85
6) Aniline	6.722	93	79234	4.868	ng		99
8) 2-Chlorophenol	6.945	128	52725	3.869	ng		98
9) Benzaldehyde	6.539	77	53717m	3.938	ng		
10) Phenol	6.604	94	63972	3.723	ng		83
11) bis(2-Chloroethyl)ether	6.822	93	61446	4.176	ng		97
12) 1,3-Dichlorobenzene	7.257	146	62783	3.876	ng		97
13) 1,4-Dichlorobenzene	7.410	146	64406	3.928	ng		95
14) 1,2-Dichlorobenzene	7.716	146	62932	4.067	ng		98
15) Benzyl Alcohol	7.628	79	52594	4.292	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.910	45	79845	4.229	ng		95
17) 2-Methylphenol	7.833	107	45328	3.955	ng		95
18) Hexachloroethane	8.428	117	24153	3.802	ng		96
19) n-Nitroso-di-n-propyla...	8.181	70	50074	4.317	ng		97
20) 3+4-Methylphenols	8.157	107	60417	3.770	ng		95
22) Acetophenone	8.192	105	97593	4.109	ng	#	95
24) Nitrobenzene	8.563	77	80250	4.078	ng		96
25) Isophorone	9.086	82	130689	3.841	ng		97
26) 2-Nitrophenol	9.263	139	26436	3.033	ng		93
27) 2,4-Dimethylphenol	9.345	122	31137	3.050	ng		98
28) bis(2-Chloroethoxy)met...	9.575	93	83137	3.883	ng		99
29) 2,4-Dichlorophenol	9.798	162	48961	3.232	ng		95
30) 1,2,4-Trichlorobenzene	9.998	180	60316	3.519	ng		100
31) Naphthalene	10.175	128	190504	3.886	ng		99
32) Benzoic acid	9.433	122	30244m	2.550	ng		
33) 4-Chloroaniline	10.310	127	73638	3.906	ng		97
34) Hexachlorobutadiene	10.463	225	33340	3.323	ng		93
35) Caprolactam	11.092	113	18248m	3.469	ng		
36) 4-Chloro-3-methylphenol	11.451	107	54878	3.402	ng		99
37) 2-Methylnaphthalene	11.804	142	128319	3.676	ng		99
38) 1-Methylnaphthalene	12.027	142	129616	3.757	ng		99
40) 1,2,4,5-Tetrachloroben...	12.186	216	63989	3.570	ng		97
41) Hexachlorocyclopentadiene	12.163	237	22382	3.576	ng		97
43) 2,4,6-Trichlorophenol	12.445	196	39953	3.136	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	44742	3.163	ng	#	93
46) 1,1'-Biphenyl	12.851	154	181499	3.879	ng		98
47) 2-Chloronaphthalene	12.886	162	140909	3.853	ng		98
48) 2-Nitroaniline	13.110	65	39286	3.429	ng		91
49) Acenaphthylene	13.745	152	222582	4.129	ng		99
50) Dimethylphthalate	13.510	163	178420	3.887	ng		99
51) 2,6-Dinitrotoluene	13.621	165	33992	3.168	ng	#	80
52) Acenaphthene	14.098	154	135376	3.959	ng		99
53) 3-Nitroaniline	13.957	138	37430	3.481	ng	#	94
54) 2,4-Dinitrophenol	14.174	184	13843	2.153	ng		92
55) Dibenzofuran	14.439	168	224798	4.162	ng		99
56) 4-Nitrophenol	14.298	139	29070	3.136	ng		88
57) 2,4-Dinitrotoluene	14.427	165	45374	3.168	ng	#	78
58) Fluorene	15.092	166	179514	4.028	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	40883m	3.516	ng		
60) Diethylphthalate	14.892	149	180763	3.857	ng		99
61) 4-Chlorophenyl-phenyle...	15.098	204	83366	3.929	ng		97
62) 4-Nitroaniline	15.127	138	34486m	3.256	ng		
63) Azobenzene	15.392	77	181779	4.090	ng		98
65) 4,6-Dinitro-2-methylph...	15.198	198	20838	2.346	ng		93
66) n-Nitrosodiphenylamine	15.315	169	153280	3.710	ng		98
67) 4-Bromophenyl-phenylether	15.998	248	49705	3.401	ng		97
68) Hexachlorobenzene	16.098	284	62136	3.550	ng		95
69) Atrazine	16.286	200	51410	4.135	ng		97
70) Pentachlorophenol	16.451	266	30940	2.521	ng		98
71) Phenanthrene	16.833	178	300263	3.945	ng		99
72) Anthracene	16.927	178	284697	3.844	ng		100
73) Carbazole	17.209	167	278287	3.680	ng		99
74) Di-n-butylphthalate	17.792	149	315640	3.587	ng		99
75) Fluoranthene	18.868	202	330728	3.572	ng		99
77) Benzidine	19.074	184	49823m	1.950	ng		
78) Pyrene	19.233	202	350312	3.256	ng		99
80) Butylbenzylphthalate	20.174	149	138080	3.144	ng		94
81) Benzo(a)anthracene	21.015	228	364650	3.645	ng		99
82) 3,3'-Dichlorobenzidine	20.956	252	112717	3.601	ng		99
83) Chrysene	21.068	228	341119	3.594	ng		99
84) Bis(2-ethylhexyl)phtha...	20.980	149	205755	3.304	ng		99
85) Di-n-octyl phthalate	22.009	149	322186	3.044	ng		96
87) Indeno(1,2,3-cd)pyrene	26.715	276	444526	3.617	ng		98
88) Benzo(b)fluoranthene	22.880	252	376557	3.335	ng		98
89) Benzo(k)fluoranthene	22.938	252	360854	3.383	ng		99
90) Benzo(a)pyrene	23.597	252	317981	3.251	ng		98
91) Dibenzo(a,h)anthracene	26.762	278	367943	3.699	ng		98
92) Benzo(g,h,i)perylene	27.638	276	374135	3.623	ng		100

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

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