Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
Data File : BM047172.D
Acq On : 13 Aug 2024 13:04
Operator : RC/JU
Sample : P3390-03
Misc : MDL-MDL-SOIL-8NG
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 13:47:28 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 :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.369	152	182830	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	757219	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	502487	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1124226	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1140950	20.000	ng		0.00
86) Perylene-d12	23.721	264	1390446	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.016	112	1316253	128.641	ng		0.00
7) Phenol-d6	6.581	99	1790952	127.028	ng		0.00
23) Nitrobenzene-d5	8.516	82	1308037	86.981	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	760565	130.537	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	2665506	81.825	ng		0.00
79) Terphenyl-d14	19.456	244	4387213	82.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	39974	9.429	ng		99
3) Pyridine	3.416	79	93272	7.503	ng		96
4) n-Nitrosodimethylamine	3.328	42	45941	8.458	ng	#	90
6) Aniline	6.722	93	132772	9.963	ng		98
8) 2-Chlorophenol	6.946	128	94406	8.459	ng		99
9) Benzaldehyde	6.534	77	88399m	8.741	ng		
10) Phenol	6.604	94	114716	8.154	ng		93
11) bis(2-Chloroethyl)ether	6.822	93	100095	8.308	ng		97
12) 1,3-Dichlorobenzene	7.257	146	106896	8.061	ng		97
13) 1,4-Dichlorobenzene	7.404	146	107745	8.025	ng		98
14) 1,2-Dichlorobenzene	7.710	146	103745	8.189	ng		97
15) Benzyl Alcohol	7.622	79	75018	7.476	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.898	45	142055	9.189	ng		99
17) 2-Methylphenol	7.828	107	73594	7.841	ng		97
18) Hexachloroethane	8.422	117	41703	8.018	ng		95
19) n-Nitroso-di-n-propyla...	8.181	70	81467	8.578	ng		97
20) 3+4-Methylphenols	8.157	107	101845	7.762	ng		97
22) Acetophenone	8.187	105	159146	8.707	ng		95
24) Nitrobenzene	8.557	77	128365	8.477	ng		97
25) Isophorone	9.081	82	213640	8.159	ng		98
26) 2-Nitrophenol	9.257	139	43823	6.535	ng		91
27) 2,4-Dimethylphenol	9.339	122	62905	8.008	ng		99
28) bis(2-Chloroethoxy)met...	9.569	93	135532	8.226	ng		99
29) 2,4-Dichlorophenol	9.792	162	83105	7.130	ng		99
30) 1,2,4-Trichlorobenzene	9.992	180	100081	7.587	ng		98
31) Naphthalene	10.175	128	304872	8.082	ng		100
32) Benzoic acid	9.434	122	47997m	5.259	ng		
33) 4-Chloroaniline	10.304	127	120851	8.331	ng		98
34) Hexachlorobutadiene	10.463	225	54739	7.090	ng		96
35) Caprolactam	11.086	113	27929	6.900	ng		92
36) 4-Chloro-3-methylphenol	11.445	107	90372	7.280	ng		98
37) 2-Methylnaphthalene	11.798	142	210899	7.852	ng		97
38) 1-Methylnaphthalene	12.028	142	200326	7.547	ng		96
40) 1,2,4,5-Tetrachloroben...	12.180	216	102230	7.459	ng		99
41) Hexachlorocyclopentadiene	12.157	237	37620	7.861	ng		96
43) 2,4,6-Trichlorophenol	12.439	196	64971	6.670	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	73052	6.754	ng		95
46) 1,1'-Biphenyl	12.851	154	293252	8.198	ng		99
47) 2-Chloronaphthalene	12.880	162	223876	8.007	ng		98
48) 2-Nitroaniline	13.110	65	66086	7.545	ng		89
49) Acenaphthylene	13.745	152	358335	8.694	ng		98
50) Dimethylphthalate	13.504	163	285513	8.136	ng		99
51) 2,6-Dinitrotoluene	13.622	165	57178	6.970	ng		91
52) Acenaphthene	14.092	154	205513	7.861	ng		98
53) 3-Nitroaniline	13.951	138	59610	7.251	ng	#	91
54) 2,4-Dinitrophenol	14.169	184	22865	4.650	ng		90
55) Dibenzofuran	14.433	168	355269	8.603	ng		100
56) 4-Nitrophenol	14.292	139	47742	6.735	ng		86
57) 2,4-Dinitrotoluene	14.422	165	75637	6.908	ng	#	83
58) Fluorene	15.086	166	281509	8.262	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.669	232	65036	7.316	ng		96
60) Diethylphthalate	14.886	149	280409	7.824	ng		97
61) 4-Chlorophenyl-phenyle...	15.092	204	130442	8.041	ng		99
62) 4-Nitroaniline	15.127	138	59202m	7.310	ng		
63) Azobenzene	15.386	77	289791	8.528	ng		98
65) 4,6-Dinitro-2-methylph...	15.192	198	36641	5.567	ng		94
66) n-Nitrosodiphenylamine	15.316	169	239313	7.815	ng		99
67) 4-Bromophenyl-phenylether	15.992	248	76334	7.046	ng		97
68) Hexachlorobenzene	16.092	284	94546	7.287	ng		96
69) Atrazine	16.286	200	80750	8.763	ng		97
70) Pentachlorophenol	16.451	266	52094	5.728	ng		97
71) Phenanthrene	16.833	178	467274	8.282	ng		99
72) Anthracene	16.921	178	448682	8.173	ng		99
73) Carbazole	17.204	167	446155	7.960	ng		99
74) Di-n-butylphthalate	17.792	149	476891	7.312	ng		98
75) Fluoranthene	18.862	202	522045	7.607	ng		98
77) Benzidine	19.074	184	199944	10.334	ng		99
78) Pyrene	19.227	202	555626	6.820	ng		99
80) Butylbenzylphthalate	20.174	149	214661	6.457	ng		99
81) Benzo(a)anthracene	21.009	228	588188	7.766	ng		98
82) 3,3'-Dichlorobenzidine	20.951	252	191037	8.061	ng		98
83) Chrysene	21.068	228	561681	7.816	ng		98
84) Bis(2-ethylhexyl)phtha...	20.974	149	320434	6.796	ng		99
85) Di-n-octyl phthalate	22.003	149	513750	6.411	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.703	276	718746	7.997	ng		99
88) Benzo(b)fluoranthene	22.880	252	609044	7.376	ng		98
89) Benzo(k)fluoranthene	22.933	252	606790	7.780	ng		99
90) Benzo(a)pyrene	23.592	252	542427	7.583	ng		97
91) Dibenzo(a,h)anthracene	26.750	278	590647	8.121	ng		97
92) Benzo(g,h,i)perylene	27.632	276	575698	7.624	ng		97

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

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