Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047158.D
Acq On : 12 Aug 2024 16:39
Operator : RC/JU
Sample : P3390-02
Misc : LOQ-SOIL-5NG
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 12 18:17:44 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 :
LOQ-SOIL-02-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	253427	20.000	ng		0.00
21) Naphthalene-d8	10.127	136	1058733	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	711313	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1584431	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1503966	20.000	ng		0.00
86) Perylene-d12	23.727	264	1717416	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1460395	102.968	ng		0.00
7) Phenol-d6	6.581	99	1981786	101.407	ng		0.00
23) Nitrobenzene-d5	8.522	82	1809987	86.083	ng		0.00
42) 2,4,6-Tribromophenol	15.539	330	903214	109.510	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	3961267	85.903	ng		0.00
79) Terphenyl-d14	19.462	244	6731819	95.911	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	33924	5.773	ng		98
3) Pyridine	3.416	79	87395	5.072	ng		98
4) n-Nitrosodimethylamine	3.334	42	42093	5.591	ng	#	91
6) Aniline	6.722	93	126539	6.850	ng		96
8) 2-Chlorophenol	6.945	128	85508	5.528	ng		97
9) Benzaldehyde	6.539	77	82625m	5.586	ng		
10) Phenol	6.604	94	108167	5.547	ng		92
11) bis(2-Chloroethyl)ether	6.822	93	96765	5.794	ng		97
12) 1,3-Dichlorobenzene	7.263	146	100825	5.485	ng		99
13) 1,4-Dichlorobenzene	7.410	146	103678	5.571	ng		99
14) 1,2-Dichlorobenzene	7.716	146	102037	5.811	ng		99
15) Benzyl Alcohol	7.622	79	82183	5.909	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.916	45	129550	6.046	ng		97
17) 2-Methylphenol	7.834	107	70742	5.438	ng		97
18) Hexachloroethane	8.428	117	38163	5.294	ng		100
19) n-Nitroso-di-n-propyla...	8.181	70	80821	6.140	ng		97
20) 3+4-Methylphenols	8.157	107	96381	5.299	ng		97
22) Acetophenone	8.192	105	153243	5.996	ng		98
24) Nitrobenzene	8.563	77	120012	5.668	ng		98
25) Isophorone	9.086	82	211358	5.773	ng		100
26) 2-Nitrophenol	9.263	139	43513	4.641	ng		94
27) 2,4-Dimethylphenol	9.339	122	52392	4.770	ng		97
28) bis(2-Chloroethoxy)met...	9.575	93	132918	5.770	ng		100
29) 2,4-Dichlorophenol	9.798	162	82421	5.057	ng		98
30) 1,2,4-Trichlorobenzene	9.998	180	98561	5.344	ng		99
31) Naphthalene	10.175	128	295962	5.611	ng		100
32) Benzoic acid	9.439	122	46050m	3.609	ng		
33) 4-Chloroaniline	10.304	127	119973	5.915	ng		98
34) Hexachlorobutadiene	10.463	225	52471	4.861	ng		97
35) Caprolactam	11.086	113	30209	5.338	ng		87
36) 4-Chloro-3-methylphenol	11.445	107	90423	5.210	ng		96
37) 2-Methylnaphthalene	11.804	142	208647	5.556	ng		99
38) 1-Methylnaphthalene	12.027	142	203657	5.487	ng		98
40) 1,2,4,5-Tetrachloroben...	12.186	216	104507	5.387	ng		98
41) Hexachlorocyclopentadiene	12.163	237	17774	2.624	ng		93
43) 2,4,6-Trichlorophenol	12.445	196	67962	4.928	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	76530	4.998	ng	96
46) 1,1'-Biphenyl	12.851	154	291151	5.749	ng	98
47) 2-Chloronaphthalene	12.886	162	225137	5.688	ng	99
48) 2-Nitroaniline	13.110	65	64418	5.195	ng	93
49) Acenaphthylene	13.745	152	365444	6.264	ng	98
50) Dimethylphthalate	13.504	163	294822	5.935	ng	99
51) 2,6-Dinitrotoluene	13.621	165	57707	4.969	ng	98
52) Acenaphthene	14.098	154	215901	5.834	ng	99
53) 3-Nitroaniline	13.957	138	60920	5.235	ng	98
54) 2,4-Dinitrophenol	14.174	184	23851	3.427	ng	92
55) Dibenzofuran	14.433	168	360558	6.168	ng	100
56) 4-Nitrophenol	14.298	139	47118	4.696	ng	93
57) 2,4-Dinitrotoluene	14.421	165	77166	4.978	ng	88
58) Fluorene	15.092	166	287003	5.950	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	69490	5.522	ng	98
60) Diethylphthalate	14.892	149	290504	5.726	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	136794	5.957	ng	98
62) 4-Nitroaniline	15.127	138	57264m	4.995	ng	
63) Azobenzene	15.392	77	288228	5.992	ng	98
65) 4,6-Dinitro-2-methylph...	15.192	198	35455	3.822	ng	88
66) n-Nitrosodiphenylamine	15.315	169	244962	5.676	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	78709	5.155	ng	97
68) Hexachlorobenzene	16.098	284	99219	5.426	ng	97
69) Atrazine	16.286	200	84913	6.539	ng	97
70) Pentachlorophenol	16.451	266	49823	3.887	ng	100
71) Phenanthrene	16.833	178	471391	5.928	ng	99
72) Anthracene	16.927	178	418074	5.404	ng	99
73) Carbazole	17.209	167	436887	5.530	ng	99
74) Di-n-butylphthalate	17.792	149	491607	5.348	ng	99
75) Fluoranthene	18.868	202	525254	5.431	ng	99
77) Benzidine	19.074	184	128927	5.055	ng	99
78) Pyrene	19.233	202	561110	5.225	ng	99
80) Butylbenzylphthalate	20.174	149	214618	4.897	ng	96
81) Benzo(a)anthracene	21.009	228	552253	5.531	ng	98
82) 3,3'-Dichlorobenzidine	20.956	252	179274	5.739	ng	97
83) Chrysene	21.068	228	521326	5.503	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	330442	5.317	ng	97
85) Di-n-octyl phthalate	22.009	149	506986	4.799	ng	97
87) Indeno(1,2,3-cd)pyrene	26.709	276	612479	5.517	ng	99
88) Benzo(b)fluoranthene	22.880	252	566342	5.553	ng	98
89) Benzo(k)fluoranthene	22.938	252	532752	5.530	ng	99
90) Benzo(a)pyrene	23.597	252	469737	5.317	ng	98
91) Dibenzo(a,h)anthracene	26.762	278	512367	5.703	ng	99
92) Benzo(g,h,i)perylene	27.638	276	500742	5.369	ng	98

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

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