Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139068.D
Acq On : 19 Aug 2024 11:16
Operator : RC/JU
Sample : P3390-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 11:41:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	44641	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	189652	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	109646	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	199224	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	107712	20.000	ng		# 0.00
86) Perylene-d12	15.469	264	97675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	385525	133.312	ng		0.00
7) Phenol-d6	6.487	99	519925	133.909	ng		0.00
23) Nitrobenzene-d5	7.404	82	347600	89.610	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	123099	137.059	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	639110	87.578	ng		-0.01
79) Terphenyl-d14	12.939	244	636926	99.003	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	4731	3.737	ng	#	88
3) Pyridine	3.469	79	8945m	2.917	ng		
4) n-Nitrosodimethylamine	3.328	42	7621	4.172	ng	#	78
6) Aniline	6.510	93	16615	4.798	ng		90
8) 2-Chlorophenol	6.628	128	13155	4.324	ng		88
9) Benzaldehyde	6.404	77	11462	4.925	ng		97
10) Phenol	6.498	94	17722	4.335	ng	#	44
11) bis(2-Chloroethyl)ether	6.575	93	13439m	4.272	ng		
12) 1,3-Dichlorobenzene	6.775	146	13384	3.930	ng		92
13) 1,4-Dichlorobenzene	6.851	146	14098	4.102	ng		95
14) 1,2-Dichlorobenzene	7.004	146	14238	4.432	ng		94
15) Benzyl Alcohol	6.993	79	11827	4.226	ng	#	63
16) 2,2'-oxybis(1-Chloropr...	7.104	45	24382	4.504	ng		57
17) 2-Methylphenol	7.110	107	10681	4.251	ng	#	74
18) Hexachloroethane	7.340	117	5601	4.329	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	10313	4.398	ng		89
20) 3+4-Methylphenols	7.275	107	13424	4.164	ng	#	52
22) Acetophenone	7.251	105	20363	4.385	ng	#	93
24) Nitrobenzene	7.422	77	17707	4.486	ng		95
25) Isophorone	7.657	82	29066	4.388	ng		96
26) 2-Nitrophenol	7.745	139	6187	3.643	ng	#	80
27) 2,4-Dimethylphenol	7.787	122	6879	3.386	ng		91
28) bis(2-Chloroethoxy)met...	7.869	93	16099	3.991	ng		98
29) 2,4-Dichlorophenol	8.010	162	9886	3.786	ng		93
30) 1,2,4-Trichlorobenzene	8.063	180	11916	3.955	ng		94
31) Naphthalene	8.140	128	40973	4.104	ng		99
32) Benzoic acid	7.957	122	1294m	0.810	ng		
33) 4-Chloroaniline	8.204	127	14616	4.362	ng		97
34) Hexachlorobutadiene	8.245	225	7554	4.139	ng		95
35) Caprolactam	8.545	113	2793	3.585	ng	#	88
36) 4-Chloro-3-methylphenol	8.692	107	11845	3.970	ng		96
37) 2-Methylnaphthalene	8.828	142	25571	4.056	ng		95
38) 1-Methylnaphthalene	8.928	142	25419	4.114	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	12138	3.985	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	6372	3.431	ng		98
44) 2,4,5-Trichlorophenol	9.181	196	6928	3.413	ng	#	77

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.292	154	35584	4.144	ng		98
47) 2-Chloronaphthalene	9.316	162	24784	3.881	ng		99
48) 2-Nitroaniline	9.428	65	8367	3.864	ng		97
49) Acenaphthylene	9.734	152	39297	4.338	ng		99
50) Dimethylphthalate	9.587	163	30526	4.354	ng		100
51) 2,6-Dinitrotoluene	9.657	165	6634	4.193	ng	#	79
52) Acenaphthene	9.898	154	25289	4.153	ng		98
53) 3-Nitroaniline	9.839	138	6140	3.754	ng		89
54) 2,4-Dinitrophenol	10.004	184	108	0.148	ng	#	16
55) Dibenzofuran	10.075	168	37158	4.323	ng		96
57) 2,4-Dinitrotoluene	10.075	165	8148	4.036	ng	#	64
58) Fluorene	10.416	166	29288	4.279	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	5310	3.421	ng	#	93
60) Diethylphthalate	10.286	149	30782	4.631	ng		97
61) 4-Chlorophenyl-phenyle...	10.404	204	14863	4.415	ng		95
62) 4-Nitroaniline	10.457	138	5301	3.410	ng		89
63) Azobenzene	10.569	77	32047	4.347	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	2267	1.865	ng	#	81
66) n-Nitrosodiphenylamine	10.528	169	23993	3.853	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	8323	3.859	ng		97
68) Hexachlorobenzene	10.963	284	8579	3.852	ng	#	91
69) Atrazine	11.051	200	8212	5.111	ng		96
70) Pentachlorophenol	11.204	266	305	0.304	ng	#	20
71) Phenanthrene	11.381	178	41787	4.073	ng		98
72) Anthracene	11.433	178	41405	4.097	ng		98
73) Carbazole	11.598	167	34657	3.975	ng		99
74) Di-n-butylphthalate	11.910	149	44952	4.586	ng		99
75) Fluoranthene	12.575	202	41283	4.311	ng		97
77) Benzidine	12.704	184	5554	2.156	ng		99
78) Pyrene	12.804	202	40843	4.027	ng		98
80) Butylbenzylphthalate	13.410	149	14637	4.507	ng		99
81) Benzo(a)anthracene	13.992	228	31573	4.257	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	7635	4.022	ng	#	98
83) Chrysene	14.027	228	26443	3.952	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	18247	3.837	ng	#	98
85) Di-n-octyl phthalate	14.574	149	23445	2.665	ng		99
87) Indeno(1,2,3-cd)pyrene	16.963	276	23810	3.402	ng		94
88) Benzo(b)fluoranthene	15.045	252	25875m	4.273	ng		
89) Benzo(k)fluoranthene	15.074	252	19255	3.673	ng		98
90) Benzo(a)pyrene	15.410	252	21294	4.181	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	18894	3.288	ng		95
92) Benzo(g,h,i)perylene	17.415	276	19197	3.220	ng		96

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

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