Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
Data File : VD079485.D
Acq On : 31 Jul 2024 06:02
Operator : RP/MD
Sample : P3374-08MS
Misc : 7.07G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 31 08:22:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.875	168	150881	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.775	114	252775	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.581	117	253747	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138355	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.234	65	80989	52.837	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163			Recovery = 105.680%			
35) Dibromofluoromethane	7.810	113	93207	54.478	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147			Recovery = 108.960%			
50) Toluene-d8	10.269	98	326093	49.081	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134			Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.569	95	105247	54.740	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143			Recovery = 109.480%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.934	85	54924	46.459	ug/l		91
3) Chloromethane	2.146	50	107734	49.459	ug/l		95
4) Vinyl Chloride	2.281	62	132574	51.188	ug/l		95
5) Bromomethane	2.693	94	82481	50.481	ug/l		97
6) Chloroethane	2.834	64	85239	51.217	ug/l		96
7) Trichlorofluoromethane	3.169	101	128153	49.755	ug/l		91
8) Diethyl Ether	3.593	74	41058	52.771	ug/l		84
9) 1,1,2-Trichlorotrifluo...	3.964	101	79951	49.079	ug/l		99
10) Methyl Iodide	4.158	142	105913	53.128	ug/l		99
11) Tert butyl alcohol	5.052	59	21543	306.879	ug/l	#	93
12) 1,1-Dichloroethene	3.940	96	79184	48.572	ug/l		96
13) Acrolein	3.799	56	8247	60.894	ug/l		99
14) Allyl chloride	4.558	41	98797	45.894	ug/l		87
15) Acrylonitrile	5.252	53	103237	283.954	ug/l		99
16) Acetone	4.022	43	79827	267.976	ug/l		100
17) Carbon Disulfide	4.269	76	282597	52.515	ug/l		98
18) Methyl Acetate	4.564	43	102023	110.309	ug/l	#	87
19) Methyl tert-butyl Ether	5.316	73	189177	56.850	ug/l		97
20) Methylene Chloride	4.799	84	181930	88.598	ug/l	#	87
21) trans-1,2-Dichloroethene	5.305	96	95939	52.386	ug/l		91
22) Diisopropyl ether	6.216	45	262855	54.878	ug/l		95
23) Vinyl Acetate	6.158	43	378888	105.230	ug/l		95
24) 1,1-Dichloroethane	6.110	63	173020	53.903	ug/l		96
25) 2-Butanone	7.081	43	115996	274.662	ug/l		94
26) 2,2-Dichloropropane	7.069	77	113387	43.672	ug/l		98
27) cis-1,2-Dichloroethene	7.075	96	148813	71.089	ug/l		97
28) Bromochloromethane	7.428	49	64721	45.981	ug/l	#	77
29) Tetrahydrofuran	7.446	42	76400	291.909	ug/l		85
30) Chloroform	7.593	83	186591	57.403	ug/l		97
31) Cyclohexane	7.881	56	112153	44.056	ug/l		89
32) 1,1,1-Trichloroethane	7.793	97	145241	54.149	ug/l		97
36) 1,1-Dichloropropene	8.005	75	118057	50.555	ug/l		98
37) Ethyl Acetate	7.169	43	47484	49.595	ug/l		99
38) Carbon Tetrachloride	7.993	117	128510	52.350	ug/l		97
39) Methylcyclohexane	9.275	83	135201	48.524	ug/l		94
40) Benzene	8.252	78	404605	54.551	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.393	41	24758	47.011	ug/l	#	92
42) 1,2-Dichloroethane	8.328	62	101812	57.604	ug/l		96
43) Isopropyl Acetate	8.363	43	94956	52.770	ug/l		95
44) Trichloroethene	9.028	130	167771	90.867	ug/l		97
45) 1,2-Dichloropropane	9.304	63	101334	56.141	ug/l		99
46) Dibromomethane	9.393	93	59008	58.971	ug/l		99
47) Bromodichloromethane	9.581	83	143165	58.268	ug/l		99
48) Methyl methacrylate	9.381	41	50757	63.029	ug/l		87
49) 1,4-Dioxane	9.387	88	12241	1180.598	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.157	43	268916	292.716	ug/l		95
52) Toluene	10.334	92	252571	55.061	ug/l		99
53) t-1,3-Dichloropropene	10.551	75	123520	54.439	ug/l		97
54) cis-1,3-Dichloropropene	10.016	75	145685	53.379	ug/l		97
55) 1,1,2-Trichloroethane	10.728	97	78632	59.654	ug/l		96
56) Ethyl methacrylate	10.598	69	81131	51.946	ug/l		90
57) 1,3-Dichloropropane	10.875	76	131413	58.670	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	224061	311.078	ug/l		92
59) 2-Hexanone	10.922	43	184242	287.556	ug/l		95
60) Dibromochloromethane	11.069	129	101530	58.963	ug/l		96
61) 1,2-Dibromoethane	11.175	107	72805	58.957	ug/l		93
64) Tetrachloroethene	10.810	164	111858	65.375	ug/l		91
65) Chlorobenzene	11.604	112	283970	50.538	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	102861	55.640	ug/l		95
67) Ethyl Benzene	11.681	91	459313	49.933	ug/l		97
68) m/p-Xylenes	11.793	106	371884	101.903	ug/l		93
69) o-Xylene	12.116	106	172837	51.670	ug/l		91
70) Styrene	12.134	104	311151	53.057	ug/l		97
71) Bromoform	12.298	173	61404	58.754	ug/l	#	99
73) Isopropylbenzene	12.416	105	434059	42.477	ug/l		99
74) N-amyl acetate	12.228	43	65700	32.286	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.669	83	90856	50.550	ug/l		95
76) 1,2,3-Trichloropropane	12.722	75	66030m	54.599	ug/l		
77) Bromobenzene	12.698	156	113050	48.731	ug/l		94
78) n-propylbenzene	12.757	91	525114	45.405	ug/l		98
79) 2-Chlorotoluene	12.845	91	299362	46.487	ug/l		97
80) 1,3,5-Trimethylbenzene	12.898	105	367625	47.700	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.469	75	27147	42.813	ug/l		96
82) 4-Chlorotoluene	12.945	91	309670	46.128	ug/l		99
83) tert-Butylbenzene	13.163	119	314870	42.745	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	378895	44.129	ug/l		98
85) sec-Butylbenzene	13.340	105	464828	45.345	ug/l		99
86) p-Isopropyltoluene	13.457	119	378769	39.898	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	222204	46.240	ug/l		98
88) 1,4-Dichlorobenzene	13.534	146	214655	45.434	ug/l		97
89) n-Butylbenzene	13.787	91	334991	38.352	ug/l		99
90) Hexachloroethane	14.051	117	86184	48.068	ug/l		98
91) 1,2-Dichlorobenzene	13.828	146	199552	48.588	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11454	47.894	ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	107166	41.415	ug/l		99
94) Hexachlorobutadiene	15.198	225	55628	39.831	ug/l		96
95) Naphthalene	15.328	128	203613	45.463	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	95677	42.033	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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