

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019479.D
 Acq On : 10 Sep 2024 10:37
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

Quant Time: Sep 11 01:47:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	534187	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	918154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	788520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	379604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283772	57.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.740%			
35) Dibromofluoromethane	7.628	113	282485	54.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.109	98	1055734	54.829	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.408	95	384033	51.871	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	78283	24.743	ug/l	98
3) Chloromethane	2.068	50	96847	21.913	ug/l	100
4) Vinyl Chloride	2.202	62	102875	21.526	ug/l	99
5) Bromomethane	2.592	94	70750	24.101	ug/l	97
6) Chloroethane	2.733	64	69033	22.096	ug/l	97
7) Trichlorofluoromethane	3.056	101	170143	21.357	ug/l	98
8) Diethyl Ether	3.452	74	57688	21.573	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	101448	20.586	ug/l	97
10) Methyl Iodide	4.001	142	127208	20.133	ug/l	94
11) Tert butyl alcohol	4.872	59	45219	113.199	ug/l	# 90
12) 1,1-Dichloroethene	3.787	96	95351	20.119	ug/l	84
13) Acrolein	3.653	56	33185	167.853	ug/l	98
14) Allyl chloride	4.379	41	169901	19.990	ug/l	# 92
15) Acrylonitrile	5.055	53	123630	107.222	ug/l	98
16) Acetone	3.873	43	130769	110.970	ug/l	# 85
17) Carbon Disulfide	4.104	76	243898	19.047	ug/l	100
18) Methyl Acetate	4.385	43	59206	18.514	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	289733	21.585	ug/l	98
20) Methylene Chloride	4.610	84	114220	21.254	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	104264	20.071	ug/l	90
22) Diisopropyl ether	6.019	45	367092	21.033	ug/l	93
23) Vinyl Acetate	5.958	43	1098887	110.229	ug/l	94
24) 1,1-Dichloroethane	5.915	63	205161	20.948	ug/l	96
25) 2-Butanone	6.890	43	187560	111.909	ug/l	# 86
26) 2,2-Dichloropropane	6.884	77	185303	20.975	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	131413	20.825	ug/l	90
28) Bromochloromethane	7.244	49	84623	20.536	ug/l	84
29) Tetrahydrofuran	7.262	42	106938	104.940	ug/l	88
30) Chloroform	7.421	83	210997	21.104	ug/l	99
31) Cyclohexane	7.701	56	170152	19.221	ug/l	# 94
32) 1,1,1-Trichloroethane	7.616	97	189001	21.091	ug/l	98
36) 1,1-Dichloropropene	7.835	75	142192	20.074	ug/l	98
37) Ethyl Acetate	6.982	43	81306	22.402	ug/l	95
38) Carbon Tetrachloride	7.817	117	162957	20.400	ug/l	98
39) Methylcyclohexane	9.110	83	181954	19.302	ug/l	93
40) Benzene	8.079	78	442138	20.265	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	41565	19.646	ug/l	87
42) 1,2-Dichloroethane	8.158	62	125753	21.420	ug/l	97
43) Isopropyl Acetate	8.195	43	164013	21.510	ug/l #	80
44) Trichloroethene	8.866	130	113971	20.312	ug/l	94
45) 1,2-Dichloropropane	9.140	63	109573	20.543	ug/l	97
46) Dibromomethane	9.231	93	62226	21.333	ug/l	96
47) Bromodichloromethane	9.427	83	164816	21.021	ug/l	98
48) Methyl methacrylate	9.219	41	77232	21.448	ug/l #	85
49) 1,4-Dioxane	9.231	88	14748	429.500	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	418334	109.050	ug/l	90
52) Toluene	10.170	92	285071	20.316	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	154914	20.726	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	177550	20.401	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	83015	20.609	ug/l	96
56) Ethyl methacrylate	10.439	69	131229	21.447	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	145008	20.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	295670	104.111	ug/l	98
59) 2-Hexanone	10.762	43	310460	110.389	ug/l	88
60) Dibromochloromethane	10.914	129	112754	21.161	ug/l	99
61) 1,2-Dibromoethane	11.018	107	78042	20.794	ug/l	100
64) Tetrachloroethene	10.646	164	96242	19.710	ug/l	95
65) Chlorobenzene	11.444	112	323023	20.826	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	111820	20.822	ug/l	98
67) Ethyl Benzene	11.518	91	561690	20.381	ug/l	100
68) m/p-Xylenes	11.627	106	424352	40.721	ug/l	93
69) o-Xylene	11.957	106	204768	20.092	ug/l	93
70) Styrene	11.969	104	351152	20.408	ug/l	97
71) Bromoform	12.133	173	63349	20.653	ug/l #	99
73) Isopropylbenzene	12.255	105	556295	20.200	ug/l	99
74) N-amyl acetate	12.072	43	158242	21.128	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	103119	21.096	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	77169m	21.689	ug/l	
77) Bromobenzene	12.530	156	125355	20.524	ug/l	92
78) n-propylbenzene	12.597	91	659629	20.208	ug/l	100
79) 2-Chlorotoluene	12.682	91	383057	20.137	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	450936	20.142	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	37291	20.120	ug/l	93
82) 4-Chlorotoluene	12.780	91	394817	20.188	ug/l	97
83) tert-Butylbenzene	12.999	119	417490	20.599	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	452962	20.439	ug/l	98
85) sec-Butylbenzene	13.176	105	602753	20.471	ug/l	99
86) p-Isopropyltoluene	13.292	119	496439	20.608	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	248498	20.938	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	245074	20.807	ug/l	96
89) n-Butylbenzene	13.615	91	477307	20.726	ug/l	99
90) Hexachloroethane	13.877	117	101710	20.292	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	219928	20.766	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17078	20.963	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	133819	20.775	ug/l	98
94) Hexachlorobutadiene	15.023	225	71682	20.831	ug/l	99
95) Naphthalene	15.145	128	271643	21.059	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	116574	21.158	ug/l	98

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

