

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015444.D
 Acq On : 06 Sep 2023 11:17
 Operator : SY/MD
 Sample : VY0906SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0906SBS01

Quant Time: Sep 06 16:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/07/2023
 Supervised By :Semsettin Yesilyurt 09/07/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87309	43.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.560%		
35) Dibromofluoromethane	7.710	113	78124	43.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.420%		
50) Toluene-d8	10.173	98	272370	42.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.160%		
62) 4-Bromofluorobenzene	12.477	95	103927	43.247	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	26767	16.364	ug/l	97
3) Chloromethane	2.107	50	32903	15.146	ug/l	97
4) Vinyl Chloride	2.241	62	38282	15.140	ug/l	98
5) Bromomethane	2.619	94	29965	16.655	ug/l	99
6) Chloroethane	2.772	64	27460	16.522	ug/l	95
7) Trichlorofluoromethane	3.107	101	62702	17.531	ug/l	95
8) Diethyl Ether	3.522	74	23450	19.185	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	37382	18.857	ug/l	95
10) Methyl Iodide	4.070	142	33068	14.205	ug/l	99
11) Tert butyl alcohol	4.954	59	61521	126.190	ug/l #	90
12) 1,1-Dichloroethene	3.857	96	32105	17.163	ug/l	90
13) Acrolein	3.717	56	33554	68.731	ug/l	97
14) Allyl chloride	4.466	41	54587	18.328	ug/l	96
15) Acrylonitrile	5.149	53	80676	104.890	ug/l	99
16) Acetone	3.942	43	82492	97.975	ug/l	91
17) Carbon Disulfide	4.180	76	70212	12.555	ug/l	99
18) Methyl Acetate	4.466	43	62574	20.518	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	121251	19.944	ug/l	100
20) Methylene Chloride	4.698	84	49256	13.369	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	36365	16.882	ug/l	95
22) Diisopropyl ether	6.106	45	127874	19.632	ug/l	94
23) Vinyl Acetate	6.045	43	399095	97.041	ug/l	96
24) 1,1-Dichloroethane	6.003	63	71304	18.937	ug/l	96
25) 2-Butanone	6.978	43	126400	105.845	ug/l	93
26) 2,2-Dichloropropane	6.972	77	65151	20.372	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	47066	19.261	ug/l	96
28) Bromochloromethane	7.326	49	22330	19.338	ug/l	95
29) Tetrahydrofuran	7.338	42	78787	105.060	ug/l	93
30) Chloroform	7.496	83	76747	19.389	ug/l	96
31) Cyclohexane	7.777	56	57597	16.074	ug/l	90
32) 1,1,1-Trichloroethane	7.692	97	68070	19.253	ug/l	100
36) 1,1-Dichloropropene	7.911	75	54848	17.475	ug/l	99
37) Ethyl Acetate	7.070	43	50947	21.047	ug/l	97
38) Carbon Tetrachloride	7.893	117	60967	18.807	ug/l	97
39) Methylcyclohexane	9.179	83	64638	16.358	ug/l	92
40) Benzene	8.149	78	160205	18.295	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	25427m	22.400	ug/l	
42) 1,2-Dichloroethane	8.228	62	55631	19.052	ug/l	95
43) Isopropyl Acetate	8.265	43	83800	20.020	ug/l	97
44) Trichloroethene	8.935	130	46297	18.686	ug/l	94
45) 1,2-Dichloropropane	9.210	63	41939	18.998	ug/l	97
46) Dibromomethane	9.301	93	27853	18.995	ug/l	96
47) Bromodichloromethane	9.490	83	61869	19.730	ug/l	97
48) Methyl methacrylate	9.289	41	37337	19.441	ug/l	92
49) 1,4-Dioxane	9.295	88	11977	439.736	ug/l #	66
51) 4-Methyl-2-Pentanone	10.063	43	258408	106.212	ug/l	95
52) Toluene	10.240	92	104611	18.639	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	64845	19.458	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	69240	19.099	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	40209	20.351	ug/l	97
56) Ethyl methacrylate	10.508	69	58993	20.149	ug/l	90
57) 1,3-Dichloropropane	10.782	76	67387	19.814	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.777	63	109445	104.725	ug/l	95
59) 2-Hexanone	10.825	43	192160	105.261	ug/l	92
60) Dibromochloromethane	10.978	129	47756	20.651	ug/l	99
61) 1,2-Dibromoethane	11.081	107	40133	20.046	ug/l	99
64) Tetrachloroethene	10.715	164	52009	20.475	ug/l	97
65) Chlorobenzene	11.514	112	118788	19.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44128	19.993	ug/l	98
67) Ethyl Benzene	11.587	91	206585	19.078	ug/l	100
68) m/p-Xylenes	11.697	106	159196	37.929	ug/l	97
69) o-Xylene	12.026	106	76331	19.029	ug/l	99
70) Styrene	12.038	104	132149	19.593	ug/l	98
71) Bromoform	12.203	173	32340	21.004	ug/l #	100
73) Isopropylbenzene	12.325	105	206971	19.263	ug/l	100
74) N-amyl acetate	12.142	43	73949	20.486	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	52203	20.353	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	38972m	20.546	ug/l	
77) Bromobenzene	12.605	156	49775	19.560	ug/l	95
78) n-propylbenzene	12.666	91	252104	19.391	ug/l	100
79) 2-Chlorotoluene	12.752	91	140473	19.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	173326	19.287	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	16654	19.367	ug/l	97
82) 4-Chlorotoluene	12.849	91	147513	19.465	ug/l	100
83) tert-Butylbenzene	13.075	119	153103	19.451	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	175757	19.697	ug/l	99
85) sec-Butylbenzene	13.252	105	230892	19.666	ug/l	100
86) p-Isopropyltoluene	13.367	119	196571	19.977	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	100028	19.911	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	101645	20.016	ug/l	99
89) n-Butylbenzene	13.697	91	184802	19.954	ug/l	98
90) Hexachloroethane	13.959	117	34868	19.813	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	93516	20.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10807	21.300	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	60694	21.080	ug/l	99
94) Hexachlorobutadiene	15.111	225	33261	21.185	ug/l	98
95) Naphthalene	15.233	128	153751	21.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56196	21.398	ug/l	98

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

