

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079472.D
 Acq On : 31 Jul 2024 00:07
 Operator : RP/MD
 Sample : VD0730SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS02

Quant Time: Jul 31 01:59:43 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

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	213839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	179119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113171	52.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.180%			
35) Dibromofluoromethane	7.805	113	124734	51.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.269	98	483312	51.002	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.569	95	138943	50.668	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35115	20.958	ug/l	100
3) Chloromethane	2.146	50	67005	21.704	ug/l	97
4) Vinyl Chloride	2.281	62	78181	21.299	ug/l	100
5) Bromomethane	2.675	94	62482	25.688	ug/l	97
6) Chloroethane	2.828	64	48273	20.466	ug/l	98
7) Trichlorofluoromethane	3.164	101	77220	21.154	ug/l	98
8) Diethyl Ether	3.593	74	23992	21.758	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.958	101	47810	20.708	ug/l	99
10) Methyl Iodide	4.158	142	55986	21.498	ug/l	99
11) Tert butyl alcohol	5.058	59	12227	122.090	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	47632	20.616	ug/l	98
13) Acrolein	3.793	56	18628	116.155	ug/l	99
14) Allyl chloride	4.558	41	59854	19.618	ug/l	91
15) Acrylonitrile	5.258	53	56404	109.464	ug/l	98
16) Acetone	4.022	43	36275	85.921	ug/l	97
17) Carbon Disulfide	4.269	76	162610	21.321	ug/l	99
18) Methyl Acetate	4.569	43	32656	24.913	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	101151	21.447	ug/l	98
20) Methylene Chloride	4.793	84	103746	27.156	ug/l #	85
21) trans-1,2-Dichloroethene	5.305	96	56939	21.937	ug/l	91
22) Diisopropyl ether	6.216	45	148630	21.895	ug/l #	94
23) Vinyl Acetate	6.158	43	525587	102.996	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	99052	21.774	ug/l	92
25) 2-Butanone	7.087	43	58585	97.879	ug/l	96
26) 2,2-Dichloropropane	7.075	77	72433	19.685	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	63358	21.356	ug/l	89
28) Bromochloromethane	7.428	49	40141	20.122	ug/l #	73
29) Tetrahydrofuran	7.446	42	39488	106.455	ug/l #	84
30) Chloroform	7.593	83	103853	22.543	ug/l	97
31) Cyclohexane	7.875	56	71833	19.910	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	82306	21.651	ug/l	98
36) 1,1-Dichloropropene	8.005	75	69288	20.803	ug/l	96
37) Ethyl Acetate	7.175	43	32460	23.770	ug/l #	93
38) Carbon Tetrachloride	7.987	117	74370	21.241	ug/l	94
39) Methylcyclohexane	9.275	83	74740	18.807	ug/l	95
40) Benzene	8.246	78	227543	21.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17321	23.059	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	56565	22.439	ug/l	97
43) Isopropyl Acetate	8.363	43	54619	21.282	ug/l #	93
44) Trichloroethene	9.028	130	56490	21.451	ug/l	96
45) 1,2-Dichloropropane	9.304	63	55907	21.716	ug/l	100
46) Dibromomethane	9.393	93	32536	22.797	ug/l	96
47) Bromodichloromethane	9.581	83	79365	22.647	ug/l	97
48) Methyl methacrylate	9.375	41	25282	22.012	ug/l	84
49) 1,4-Dioxane	9.387	88	6664	450.625	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	144981	110.646	ug/l	94
52) Toluene	10.334	92	146694	22.422	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	67969	21.003	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	82015	21.069	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	43423	23.097	ug/l	96
56) Ethyl methacrylate	10.599	69	47914	21.509	ug/l	93
57) 1,3-Dichloropropane	10.875	76	71293	22.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	96052	93.499	ug/l	92
59) 2-Hexanone	10.922	43	96050	105.106	ug/l	93
60) Dibromochloromethane	11.069	129	55879	22.752	ug/l	98
61) 1,2-Dibromoethane	11.175	107	38950	22.115	ug/l	96
64) Tetrachloroethene	10.804	164	49498	21.294	ug/l	92
65) Chlorobenzene	11.604	112	164867	21.598	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	55969	22.285	ug/l	96
67) Ethyl Benzene	11.681	91	254839	20.393	ug/l	100
68) m/p-Xylenes	11.793	106	208196	41.994	ug/l	95
69) o-Xylene	12.116	106	92149	20.278	ug/l	92
70) Styrene	12.134	104	169420	21.265	ug/l	97
71) Bromoform	12.293	173	32518	22.903	ug/l #	97
73) Isopropylbenzene	12.422	105	229647	19.504	ug/l	98
74) N-amyl acetate	12.228	43	50575	19.197	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	50088	21.525	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	35666m	22.780	ug/l	
77) Bromobenzene	12.698	156	65035	21.654	ug/l	93
78) n-propylbenzene	12.757	91	297387	19.862	ug/l	97
79) 2-Chlorotoluene	12.845	91	169027	20.274	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	200609	20.106	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	16703	20.347	ug/l	98
82) 4-Chlorotoluene	12.945	91	176872	20.351	ug/l	99
83) tert-Butylbenzene	13.163	119	169253	19.869	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	206077	20.527	ug/l	100
85) sec-Butylbenzene	13.340	105	255622	19.261	ug/l	99
86) p-Isopropyltoluene	13.457	119	220475	20.078	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	128211	20.608	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	128873	21.070	ug/l	97
89) n-Butylbenzene	13.781	91	193295	19.190	ug/l	98
90) Hexachloroethane	14.051	117	46890	20.201	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	110420	20.767	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6291	20.319	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	64164	19.153	ug/l	99
94) Hexachlorobutadiene	15.198	225	35529	19.650	ug/l	95
95) Naphthalene	15.328	128	114056	19.671	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	57386	19.474	ug/l	97

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

