

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079451.D
 Acq On : 30 Jul 2024 11:32
 Operator : RP/MD
 Sample : VD0730SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 15:41:30 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	240184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	390936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	361556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	184180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119664	49.042	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.804	113	130043	49.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.300%		
50) Toluene-d8	10.269	98	520082	50.614	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.569	95	150305	50.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	44436	23.612	ug/l	98
3) Chloromethane	2.146	50	77609	22.382	ug/l	98
4) Vinyl Chloride	2.281	62	95312	23.118	ug/l	94
5) Bromomethane	2.675	94	70504	25.819	ug/l	99
6) Chloroethane	2.828	64	58269	21.994	ug/l	98
7) Trichlorofluoromethane	3.164	101	96083	23.434	ug/l	91
8) Diethyl Ether	3.587	74	26736	21.586	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.958	101	58886	22.708	ug/l	98
10) Methyl Iodide	4.158	142	66076	22.514	ug/l	99
11) Tert butyl alcohol	5.052	59	14801	133.131	ug/l	98
12) 1,1-Dichloroethene	3.940	96	57949	22.330	ug/l	90
13) Acrolein	3.793	56	22075	123.847	ug/l	98
14) Allyl chloride	4.558	41	75994	22.176	ug/l	87
15) Acrylonitrile	5.252	53	64073	110.708	ug/l	97
16) Acetone	4.016	43	48188	101.619	ug/l	89
17) Carbon Disulfide	4.263	76	193507	22.589	ug/l	97
18) Methyl Acetate	4.563	43	32719	22.223	ug/l	89
19) Methyl tert-butyl Ether	5.311	73	114779	21.668	ug/l	92
20) Methylene Chloride	4.793	84	107449	23.337	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	63867	21.907	ug/l	89
22) Diisopropyl ether	6.210	45	166733	21.867	ug/l #	86
23) Vinyl Acetate	6.152	43	620130	108.194	ug/l #	93
24) 1,1-Dichloroethane	6.110	63	112365	21.991	ug/l	96
25) 2-Butanone	7.081	43	69821	103.856	ug/l	92
26) 2,2-Dichloropropane	7.069	77	93666	22.663	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	72968	21.897	ug/l	90
28) Bromochloromethane	7.428	49	45492	20.303	ug/l	80
29) Tetrahydrofuran	7.440	42	44824	107.586	ug/l #	82
30) Chloroform	7.593	83	114192	22.069	ug/l	98
31) Cyclohexane	7.875	56	89723	22.141	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	96619	22.629	ug/l	97
36) 1,1-Dichloropropene	8.004	75	83312	23.068	ug/l	98
37) Ethyl Acetate	7.169	43	34786	23.492	ug/l #	94
38) Carbon Tetrachloride	7.987	117	89588	23.597	ug/l	96
39) Methylcyclohexane	9.275	83	96864	22.479	ug/l	96
40) Benzene	8.246	78	258508	22.536	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15304	18.789	ug/l	91
42) 1,2-Dichloroethane	8.328	62	60432	22.108	ug/l	96
43) Isopropyl Acetate	8.357	43	60090	21.592	ug/l	95
44) Trichloroethene	9.028	130	63797	22.342	ug/l	87
45) 1,2-Dichloropropane	9.304	63	63790	22.851	ug/l	99
46) Dibromomethane	9.393	93	34950	22.584	ug/l	97
47) Bromodichloromethane	9.581	83	86214	22.688	ug/l	100
48) Methyl methacrylate	9.381	41	27523	22.099	ug/l	87
49) 1,4-Dioxane	9.381	88	6956	433.784	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	159622	112.344	ug/l	95
52) Toluene	10.328	92	164449	23.180	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	78780	22.450	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	93471	22.144	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	45874	22.503	ug/l	94
56) Ethyl methacrylate	10.598	69	52063	21.554	ug/l	91
57) 1,3-Dichloropropane	10.875	76	78522	22.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	102610	92.113	ug/l	92
59) 2-Hexanone	10.916	43	112315	113.344	ug/l	94
60) Dibromochloromethane	11.069	129	59733	22.430	ug/l	95
61) 1,2-Dibromoethane	11.175	107	44518	23.310	ug/l	96
64) Tetrachloroethene	10.810	164	56854	23.320	ug/l	92
65) Chlorobenzene	11.604	112	181759	22.702	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.675	131	61350	23.290	ug/l	96
67) Ethyl Benzene	11.681	91	293340	22.381	ug/l	100
68) m/p-Xylenes	11.793	106	238594	45.884	ug/l	95
69) o-Xylene	12.116	106	106869	22.422	ug/l	92
70) Styrene	12.134	104	191276	22.891	ug/l	99
71) Bromoform	12.292	173	35834	24.064	ug/l #	99
73) Isopropylbenzene	12.416	105	276779	22.237	ug/l	100
74) N-amyl acetate	12.228	43	56775	20.958	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	54174	22.642	ug/l	93
76) 1,2,3-Trichloropropane	12.716	75	31313m	19.450	ug/l	
77) Bromobenzene	12.698	156	70444	22.810	ug/l	93
78) n-propylbenzene	12.757	91	345869	22.465	ug/l	98
79) 2-Chlorotoluene	12.845	91	186900	21.802	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	232218	22.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	18275	21.650	ug/l	95
82) 4-Chlorotoluene	12.945	91	201184	22.512	ug/l	100
83) tert-Butylbenzene	13.163	119	196872	22.001	ug/l	95
84) 1,2,4-Trimethylbenzene	13.204	105	237542	22.596	ug/l	99
85) sec-Butylbenzene	13.339	105	309153	22.655	ug/l	100
86) p-Isopropyltoluene	13.457	119	261995	22.598	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	145028	22.671	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	143283	22.782	ug/l	98
89) n-Butylbenzene	13.787	91	234821	21.986	ug/l	99
90) Hexachloroethane	14.051	117	53206	22.292	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	124005	22.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7360	23.118	ug/l	93
93) 1,2,4-Trichlorobenzene	15.092	180	72825	21.141	ug/l	96
94) Hexachlorobutadiene	15.198	225	41499	22.321	ug/l	95
95) Naphthalene	15.328	128	126414	21.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	64366	21.242	ug/l	98

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

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