

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079286.D
 Acq On : 28 Jun 2024 17:09
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD062824

Quant Time: Jun 29 06:30:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	190441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	336275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91476	49.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.080%		
35) Dibromofluoromethane	7.805	113	103254	46.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.560%		
50) Toluene-d8	10.263	98	354924	44.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.400%		
62) 4-Bromofluorobenzene	12.569	95	130871	51.396	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95548	44.390	ug/l	98
3) Chloromethane	2.146	50	150131	45.998	ug/l	96
4) Vinyl Chloride	2.281	62	169347	46.530	ug/l	95
5) Bromomethane	2.687	94	133173	46.106	ug/l	99
6) Chloroethane	2.828	64	111586	43.221	ug/l	98
7) Trichlorofluoromethane	3.169	101	184663	44.358	ug/l	95
8) Diethyl Ether	3.593	74	60016	49.012	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	118672	45.882	ug/l	94
10) Methyl Iodide	4.158	142	111406	44.582	ug/l	97
11) Tert butyl alcohol	5.058	59	30992	243.212	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	116927	46.701	ug/l	91
13) Acrolein	3.793	56	56973	226.070	ug/l	98
14) Allyl chloride	4.558	41	156202	48.885	ug/l	87
15) Acrylonitrile	5.252	53	134120	240.308	ug/l	97
16) Acetone	4.022	43	116210	257.107	ug/l	96
17) Carbon Disulfide	4.264	76	408222	46.413	ug/l	96
18) Methyl Acetate	4.564	43	59730	45.487	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	258621	50.415	ug/l	97
20) Methylene Chloride	4.793	84	176596	57.603	ug/l	88
21) trans-1,2-Dichloroethene	5.305	96	132220	46.996	ug/l	88
22) Diisopropyl ether	6.210	45	346770	49.879	ug/l	94
23) Vinyl Acetate	6.152	43	1380818	262.352	ug/l	94
24) 1,1-Dichloroethane	6.105	63	228750	46.931	ug/l	97
25) 2-Butanone	7.081	43	159819	253.806	ug/l	96
26) 2,2-Dichloropropane	7.069	77	187216	48.652	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	147462	47.843	ug/l	84
28) Bromochloromethane	7.422	49	96855	47.658	ug/l #	71
29) Tetrahydrofuran	7.440	42	96883	247.671	ug/l	85
30) Chloroform	7.593	83	236610	47.058	ug/l	98
31) Cyclohexane	7.875	56	187417	46.296	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	194381	47.101	ug/l	99
36) 1,1-Dichloropropene	8.005	75	174193	50.794	ug/l	94
37) Ethyl Acetate	7.163	43	72581	55.601	ug/l	98
38) Carbon Tetrachloride	7.987	117	171246	49.172	ug/l	98
39) Methylcyclohexane	9.269	83	211882	52.515	ug/l	92
40) Benzene	8.246	78	537492	50.236	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	38364	53.466	ug/l	86
42) 1,2-Dichloroethane	8.322	62	127647	49.606	ug/l	94
43) Isopropyl Acetate	8.357	43	126721	50.300	ug/l	95
44) Trichloroethene	9.028	130	120957	49.492	ug/l	85
45) 1,2-Dichloropropane	9.299	63	132453	50.843	ug/l	98
46) Dibromomethane	9.387	93	74119	50.165	ug/l #	87
47) Bromodichloromethane	9.581	83	177497	49.091	ug/l #	99
48) Methyl methacrylate	9.381	41	60748	53.441	ug/l	85
49) 1,4-Dioxane	9.387	88	15257	1007.704	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	344667	262.896	ug/l	96
52) Toluene	10.328	92	335819	51.557	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	166463	50.980	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	197423	50.391	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	93964	49.307	ug/l	96
56) Ethyl methacrylate	10.593	69	122117	47.890	ug/l	95
57) 1,3-Dichloropropane	10.875	76	161288	49.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	282141	242.561	ug/l #	88
59) 2-Hexanone	10.916	43	249854	268.363	ug/l	99
60) Dibromochloromethane	11.069	129	120464	50.078	ug/l	100
61) 1,2-Dibromoethane	11.175	107	89282	51.103	ug/l	98
64) Tetrachloroethene	10.804	164	94606	48.124	ug/l	90
65) Chlorobenzene	11.604	112	348436	49.649	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	114447	47.912	ug/l	96
67) Ethyl Benzene	11.681	91	635940	51.929	ug/l	95
68) m/p-Xylenes	11.793	106	485252	102.730	ug/l	88
69) o-Xylene	12.116	106	219101	51.634	ug/l	83
70) Styrene	12.134	104	400644	52.943	ug/l	96
71) Bromoform	12.293	173	63485	49.007	ug/l #	98
73) Isopropylbenzene	12.416	105	577501	52.064	ug/l	97
74) N-amyl acetate	12.228	43	130264	53.505	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	108116	46.757	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	81517m	54.590	ug/l	
77) Bromobenzene	12.698	156	122027	48.905	ug/l	75
78) n-propylbenzene	12.757	91	736149	51.840	ug/l	93
79) 2-Chlorotoluene	12.845	91	404455	50.946	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	485825	51.731	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	40235	49.999	ug/l	99
82) 4-Chlorotoluene	12.945	91	422094	50.604	ug/l	93
83) tert-Butylbenzene	13.163	119	400391	52.631	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	494435	52.599	ug/l	95
85) sec-Butylbenzene	13.340	105	635420	52.494	ug/l	94
86) p-Isopropyltoluene	13.457	119	518512	51.898	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	258016	48.629	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	255306	48.416	ug/l	96
89) n-Butylbenzene	13.787	91	515558	52.588	ug/l	95
90) Hexachloroethane	14.051	117	106612	48.514	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	226862	49.685	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15812	49.880	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	126403	51.919	ug/l	96
94) Hexachlorobutadiene	15.198	225	66398	49.045	ug/l	98
95) Naphthalene	15.328	128	266406	56.060	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	116223	53.988	ug/l	97

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

