

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079288.D
 Acq On : 01 Jul 2024 09:32
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/02/2024
 Supervised By :Semsettin Yesilyurt 07/02/2024

Quant Time: Jul 01 15:35:25 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	349078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	316346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86861	45.940	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.880%		
35) Dibromofluoromethane	7.804	113	101050	44.101	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.200%		
50) Toluene-d8	10.269	98	353844	42.926	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.860%		
62) 4-Bromofluorobenzene	12.574	95	123525	46.732	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	108767	50.133	ug/l	98
3) Chloromethane	2.146	50	157451	47.861	ug/l	99
4) Vinyl Chloride	2.281	62	175740	47.907	ug/l	98
5) Bromomethane	2.693	94	143535	49.642	ug/l	96
6) Chloroethane	2.840	64	116842	44.901	ug/l	100
7) Trichlorofluoromethane	3.175	101	202078	48.158	ug/l	96
8) Diethyl Ether	3.593	74	60387	48.927	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	128396	49.250	ug/l	95
10) Methyl Iodide	4.163	142	140927	54.128	ug/l	97
11) Tert butyl alcohol	5.057	59	27368	213.081	ug/l	# 84
12) 1,1-Dichloroethene	3.940	96	130344	51.650	ug/l	91
13) Acrolein	3.793	56	55883	219.998	ug/l	99
14) Allyl chloride	4.557	41	170546	52.954	ug/l	# 86
15) Acrylonitrile	5.251	53	137297	244.062	ug/l	97
16) Acetone	4.016	43	141930	311.537	ug/l	100
17) Carbon Disulfide	4.269	76	439567	49.583	ug/l	100
18) Methyl Acetate	4.557	43	61076	46.146	ug/l	# 87
19) Methyl tert-butyl Ether	5.316	73	262656	50.798	ug/l	97
20) Methylene Chloride	4.804	84	146468	46.295	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	139835	49.311	ug/l	91
22) Diisopropyl ether	6.216	45	361106	51.532	ug/l	# 92
23) Vinyl Acetate	6.151	43	1386613	261.378	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	242681	49.397	ug/l	93
25) 2-Butanone	7.081	43	170993	269.412	ug/l	95
26) 2,2-Dichloropropane	7.075	77	198477	51.173	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	156566	50.396	ug/l	87
28) Bromochloromethane	7.428	49	97912	47.798	ug/l	# 70
29) Tetrahydrofuran	7.445	42	96993	245.999	ug/l	# 84
30) Chloroform	7.592	83	240678	47.490	ug/l	99
31) Cyclohexane	7.875	56	204213	50.047	ug/l	87
32) 1,1,1-Trichloroethane	7.792	97	203825	49.000	ug/l	97
36) 1,1-Dichloropropene	8.010	75	184543	51.839	ug/l	95
37) Ethyl Acetate	7.163	43	68705	50.701	ug/l	97
38) Carbon Tetrachloride	7.987	117	179770	49.726	ug/l	97
39) Methylcyclohexane	9.275	83	219292	52.358	ug/l	90
40) Benzene	8.251	78	556475	50.103	ug/l	94

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	37900	50.882	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	127559	47.754	ug/l	94
43) Isopropyl Acetate	8.357	43	126037	48.194	ug/l	96
44) Trichloroethene	9.028	130	125976	49.655	ug/l	87
45) 1,2-Dichloropropane	9.304	63	132753	49.090	ug/l	96
46) Dibromomethane	9.392	93	71841	46.840	ug/l	90
47) Bromodichloromethane	9.581	83	178903	47.665	ug/l	100
48) Methyl methacrylate	9.381	41	58403	49.493	ug/l	89
49) 1,4-Dioxane	9.386	88	13804	878.296	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	337821	248.223	ug/l	96
52) Toluene	10.333	92	343924	50.865	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	167921	49.541	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	202480	49.786	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	93823	47.427	ug/l	96
56) Ethyl methacrylate	10.598	69	121396	46.019	ug/l	95
57) 1,3-Dichloropropane	10.880	76	160722	47.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	270745	225.698	ug/l	89
59) 2-Hexanone	10.922	43	266367	275.606	ug/l	98
60) Dibromochloromethane	11.075	129	114382	45.806	ug/l	96
61) 1,2-Dibromoethane	11.180	107	86651	47.778	ug/l	97
64) Tetrachloroethene	10.810	164	102028	51.764	ug/l	91
65) Chlorobenzene	11.604	112	349111	49.616	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	115893	48.390	ug/l	96
67) Ethyl Benzene	11.680	91	651114	53.030	ug/l	99
68) m/p-Xylenes	11.792	106	495305	104.585	ug/l	87
69) o-Xylene	12.122	106	223693	52.579	ug/l	84
70) Styrene	12.133	104	396484	52.256	ug/l	95
71) Bromoform	12.298	173	61024	46.984	ug/l #	98
73) Isopropylbenzene	12.422	105	586850	54.988	ug/l	97
74) N-amyl acetate	12.233	43	123516	52.729	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	108933	48.964	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	70634m	49.163	ug/l	
77) Bromobenzene	12.698	156	124309	51.779	ug/l	78
78) n-propylbenzene	12.763	91	736001	53.869	ug/l	94
79) 2-Chlorotoluene	12.845	91	403271	52.795	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	487254	53.925	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	39053	50.439	ug/l	97
82) 4-Chlorotoluene	12.945	91	424420	52.885	ug/l	92
83) tert-Butylbenzene	13.163	119	410597	56.096	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	489353	54.107	ug/l	95
85) sec-Butylbenzene	13.345	105	624963	53.662	ug/l	96
86) p-Isopropyltoluene	13.457	119	514034	53.475	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	257462	50.434	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	251829	49.636	ug/l	96
89) n-Butylbenzene	13.786	91	511158	54.190	ug/l	96
90) Hexachloroethane	14.051	117	101376	47.947	ug/l	91
91) 1,2-Dichlorobenzene	13.827	146	219915	50.059	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15663	51.354	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	119642	51.076	ug/l	95
94) Hexachlorobutadiene	15.204	225	67241	51.622	ug/l	95
95) Naphthalene	15.327	128	251398	54.984	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	105833	51.096	ug/l	98

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

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