

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062724\
 Data File : VD079272.D
 Acq On : 27 Jun 2024 13:03
 Operator : RP/MD
 Sample : VSTD02533
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025833

Quant Time: Jun 28 06:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM062724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 28 06:00:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	177909	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	180960	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	121590	23.937	ug/L	0.00
7) Chloroethane-d5	2.793	69	105388	23.533	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	23206	23.233	ug/L	0.00
21) 2-Butanone-d5	6.987	46	26727	44.775	ug/L	0.00
24) Chloroform-d	7.563	84	126426	23.129	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	58267	22.249	ug/L	0.00
32) Benzene-d6	8.199	84	257704	23.569	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	78099	23.797	ug/L	0.00
41) Toluene-d8	10.269	98	242572	24.510	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	32477	22.686	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	23802	44.408	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72868	22.713	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	79298	21.635	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	79759	25.953	ug/L	100
3) Chloromethane	2.146	50	108805	25.233	ug/L	100
5) Vinyl chloride	2.275	62	145707	25.521	ug/L	100
6) Bromomethane	2.687	94	98788	25.345	ug/L	100
8) Chloroethane	2.828	64	95786	25.153	ug/L	100
9) Trichlorofluoromethane	3.164	101	108670	25.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	69638	25.652	ug/L	100
12) 1,1-Dichloroethene	3.934	96	62511	25.403	ug/L	100
13) Acetone	4.017	43	23794	52.321	ug/L	100
14) Carbon disulfide	4.264	76	229854	25.835	ug/L	100
15) Methyl Acetate	4.564	43	27548	25.544	ug/L	100
16) Methylene chloride	4.793	84	88414	19.900	ug/L	100
17) trans-1,2-Dichloroethene	5.305	96	70549	25.872	ug/L	100
18) Methyl tert-butyl Ether	5.311	73	141597	25.268	ug/L	100
19) 1,1-Dichloroethane	6.105	63	118222	25.815	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	78603	25.721	ug/L	100
22) 2-Butanone	7.075	43	33487	49.518	ug/L	100
23) Bromochloromethane	7.422	128	40151	26.021	ug/L	100
25) Chloroform	7.593	83	129155	24.969	ug/L	100
27) 1,2-Dichloroethane	8.322	62	75335	25.554	ug/L	100
29) Cyclohexane	7.875	56	89501	28.076	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	102171	26.063	ug/L	100
31) Carbon tetrachloride	7.993	117	92025	26.021	ug/L	100
33) Benzene	8.252	78	303681	26.860	ug/L	100
34) Trichloroethene	9.028	95	71797	25.981	ug/L	100
35) Methylcyclohexane	9.275	83	118803	27.885	ug/L	100
37) 1,2-Dichloropropane	9.304	63	77812	26.340	ug/L	100
38) Bromodichloromethane	9.581	83	99241	26.227	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	112178	25.877	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	72813	51.995	ug/L	100
42) Toluene	10.334	91	329618	27.397	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	100723	26.592	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	66052	26.021	ug/L	100
46) Tetrachloroethene	10.810	164	59301	26.950	ug/L	100
48) 2-Hexanone	10.916	43	53396	52.235	ug/L	100
49) Dibromochloromethane	11.069	129	71445	26.061	ug/L	100
50) 1,2-Dibromoethane	11.175	107	60732	25.432	ug/L	100
51) Chlorobenzene	11.604	112	211913	25.991	ug/L	100
52) Ethylbenzene	11.681	91	341981	27.540	ug/L	100
53) m,p-Xylene	11.793	106	137292	28.034	ug/L	100
54) o-Xylene	12.122	106	130101	26.432	ug/L	100
55) Styrene	12.134	104	244999	27.830	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	79902	25.812	ug/L	100
59) Bromoform	12.298	173	44965	24.260	ug/L	100
60) Isopropylbenzene	12.422	105	331323	26.879	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47883	23.900	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	231053	26.343	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	260516	27.281	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	160744	25.973	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	169581	25.986	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	148894	24.905	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	10049	24.949	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	94859	24.557	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	79682	24.878	ug/L	100
71) Naphthalene	15.328	128	166756	23.985	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	76791	25.220	ug/L	100

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

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