

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078295.D
 Acq On : 31 Jan 2024 17:13
 Operator : RP/MD
 Sample : VSTD00510
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD005110

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 01 03:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	211280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	201450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	88143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	30288	5.080	ug/L	0.00
7) Chloroethane-d5	2.799	69	26578	5.561	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	6176	4.103	ug/L	0.00
21) 2-Butanone-d5	6.993	46	7814	10.131	ug/L	0.00
24) Chloroform-d	7.563	84	29098	4.962	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.240	65	16520	5.529	ug/L	0.00
32) Benzene-d6	8.204	84	59531	4.840	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	18676	4.991	ug/L	0.00
41) Toluene-d8	10.269	98	51720	4.593	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	8260	4.937	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	6599	9.656	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	17346	6.032	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	14807	4.615	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	18942	5.278	ug/L	96
3) Chloromethane	2.152	50	28137	5.440	ug/L	99
5) Vinyl chloride	2.281	62	33474	5.240	ug/L	97
6) Bromomethane	2.687	94	13248	4.035	ug/L	91
8) Chloroethane	2.840	64	21558	5.376	ug/L	88
9) Trichlorofluoromethane	3.175	101	23448	4.410	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	15269	4.871	ug/L	93
12) 1,1-Dichloroethene	3.940	96	13214	4.464	ug/L	87
13) Acetone	4.022	43	8323	8.184	ug/L	77
14) Carbon disulfide	4.263	76	52723	5.016	ug/L #	92
15) Methyl Acetate	4.558	43	8170m	5.679	ug/L	
16) Methylene chloride	4.799	84	20092m	5.144	ug/L	
17) trans-1,2-Dichloroethene	5.316	96	15204	4.855	ug/L	83
18) Methyl tert-butyl Ether	5.322	73	32155m	4.597	ug/L	
19) 1,1-Dichloroethane	6.116	63	26894	4.632	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	15978	4.591	ug/L	94
22) 2-Butanone	7.081	43	10137m	8.765	ug/L	
23) Bromochloromethane	7.434	128	7089	4.784	ug/L #	92
25) Chloroform	7.593	83	30030	5.159	ug/L	85
27) 1,2-Dichloroethane	8.328	62	18728	5.118	ug/L #	92
29) Cyclohexane	7.881	56	19921	3.779	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	22359	4.435	ug/L #	72
31) Carbon tetrachloride	7.993	117	20267	4.601	ug/L	97
33) Benzene	8.251	78	60428	4.466	ug/L	100
34) Trichloroethene	9.034	95	15896	4.754	ug/L	81
35) Methylcyclohexane	9.281	83	22448	3.868	ug/L	96
37) 1,2-Dichloropropane	9.304	63	17186	4.898	ug/L #	95
38) Bromodichloromethane	9.587	83	21638	4.972	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	23622	4.288	ug/L	95
40) 4-Methyl-2-pentanone	10.163	43	18841	9.265	ug/L	94
42) Toluene	10.334	91	60541	4.236	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	20719	4.449	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	12374	4.990	ug/L	93
46) Tetrachloroethene	10.816	164	10524	4.033	ug/L	95
48) 2-Hexanone	10.916	43	13084	7.654	ug/L #	97
49) Dibromochloromethane	11.075	129	14748	5.073	ug/L	98
50) 1,2-Dibromoethane	11.181	107	12301	5.133	ug/L #	94
51) Chlorobenzene	11.610	112	40111	4.508	ug/L	93
52) Ethylbenzene	11.681	91	63942	4.063	ug/L	97
53) m,p-Xylene	11.792	106	25145	4.230	ug/L	89
54) o-Xylene	12.122	106	22721	3.986	ug/L	92
55) Styrene	12.134	104	40840	4.067	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	16430	5.487	ug/L #	95
59) Bromoform	12.298	173	7924	5.113	ug/L #	95
60) Isopropylbenzene	12.422	105	56970	4.246	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	10477	5.809	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	42791	4.223	ug/L	95
63) 1,2,4-Trimethylbenzene	13.210	105	42479	4.137	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	26704	4.587	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	29093	4.785	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	25245	4.761	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.451	75	2217	5.360	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	15350	3.939	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	13999	4.224	ug/L	92
71) Naphthalene	15.333	128	29371	4.562	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	12584	4.257	ug/L #	90

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

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