

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037194.D
 Acq On : 04 Sep 2024 12:08
 Operator : SY/MD
 Sample : VSTD00574
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005274

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 01:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	546167	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	514819	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	257431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51178	5.231	ug/L	0.00
7) Chloroethane-d5	1.532	69	37073	4.882	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	22516	5.116	ug/L	0.00
21) 2-Butanone-d5	3.899	46	20238m	10.325	ug/L	0.07
24) Chloroform-d	4.249	84	76835	4.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	38064	4.465	ug/L	0.00
32) Benzene-d6	4.957	84	149031	4.581	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	46423	4.606	ug/L	0.00
41) Toluene-d8	7.243	98	132737	4.512	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	16420	4.233	ug/L	0.01
47) 2-Hexanone-d5	8.056	63	11874m	9.419	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	34863	4.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	44060	4.385	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	37111	4.936	ug/L	96
3) Chloromethane	1.217	50	44361	4.937	ug/L	100
5) Vinyl chloride	1.281	62	43311	4.901	ug/L	96
6) Bromomethane	1.487	94	24183	4.730	ug/L	97
8) Chloroethane	1.548	64	27123	4.989	ug/L	98
9) Trichlorofluoromethane	1.712	101	60406	5.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	37589	4.988	ug/L	99
12) 1,1-Dichloroethene	2.069	96	34602	5.041	ug/L	96
13) Acetone	2.156	43	32195	12.385	ug/L	91
14) Carbon disulfide	2.236	76	108815	4.829	ug/L	99
15) Methyl Acetate	2.384	43	18232	4.875	ug/L	96
16) Methylene chloride	2.442	84	56647	5.659	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	38327	5.118	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	84598	4.826	ug/L	98
19) 1,1-Dichloroethane	3.105	63	71681	4.999	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	38134	4.824	ug/L	95
22) 2-Butanone	3.944	43	25434m	11.772	ug/L	
23) Bromochloromethane	4.146	128	17064	4.843	ug/L	96
25) Chloroform	4.275	83	66583	4.783	ug/L	98
27) 1,2-Dichloroethane	5.043	62	42662	4.835	ug/L	95
29) Cyclohexane	4.574	56	56256	4.843	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	57843	5.059	ug/L	98
31) Carbon tetrachloride	4.728	117	46272	4.787	ug/L	98
33) Benzene	5.008	78	137176	4.749	ug/L	100
34) Trichloroethene	5.834	95	37481	4.768	ug/L	97
35) Methylcyclohexane	6.043	83	63185	4.933	ug/L	98
37) 1,2-Dichloropropane	6.095	63	36204	4.834	ug/L	99
38) Bromodichloromethane	6.432	83	46618	4.930	ug/L	94
39) cis-1,3-Dichloropropene	6.956	75	51310	4.628	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	39442	9.442	ug/L	97
42) Toluene	7.313	91	144698	4.760	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	41194	4.572	ug/L	96

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

45) 1,1,2-Trichloroethane	7.770	97	27323	4.841	ug/L	92
46) Tetrachloroethene	7.902	164	28408	4.916	ug/L	97
48) 2-Hexanone	8.095	43	34420m	11.009	ug/L	
49) Dibromochloromethane	8.175	129	27325	4.652	ug/L	93
50) 1,2-Dibromoethane	8.288	107	26563	4.925	ug/L #	96
51) Chlorobenzene	8.812	112	97935	4.923	ug/L	99
52) Ethylbenzene	8.944	91	162811	4.783	ug/L	98
53) m,p-Xylene	9.072	106	59807	4.736	ug/L	99
54) o-Xylene	9.474	106	55529	4.564	ug/L	99
55) Styrene	9.497	104	90657	4.435	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	32373	4.813	ug/L	100
59) Bromoform	9.664	173	15053	4.605	ug/L #	98
60) Isopropylbenzene	9.863	105	156726	4.688	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	24035	5.067	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	117953	4.443	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	116983	4.443	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	73839	4.844	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	74517	4.795	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	68080	4.815	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.361	75	5153	4.813	ug/L	86
69) 1,3,5-Trichlorobenzene	12.577	180	52573	4.861	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	45588	4.775	ug/L	99
71) Naphthalene	13.435	128	82630	4.436	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	43610	4.974	ug/L	94

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

