

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036621.D
 Acq On : 22 Jul 2024 09:43
 Operator : SY/MD
 Sample : VSTD02529
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025229

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/23/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 01:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:25:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	407377	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	409661	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	238295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	101585	22.768	ug/L	0.00
7) Chloroethane-d5	1.526	69	94733	23.508	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	53953	22.869	ug/L	0.00
21) 2-Butanone-d5	3.854	46	52281m	53.909	ug/L	0.00
24) Chloroform-d	4.243	84	254134	23.588	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	127598	24.006	ug/L	0.00
32) Benzene-d6	4.953	84	459851	23.685	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	132227	22.895	ug/L	0.00
41) Toluene-d8	7.240	98	448896	24.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	58109	23.628	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	36873	50.578	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114657	23.779	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	190832	22.941	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	191059	27.655	ug/L	100
3) Chloromethane	1.211	50	148935	28.020	ug/L	100
5) Vinyl chloride	1.278	62	183298	27.886	ug/L	100
6) Bromomethane	1.484	94	143649	27.333	ug/L	100
8) Chloroethane	1.545	64	116168	27.271	ug/L	100
9) Trichlorofluoromethane	1.706	101	309608	27.128	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	191564	26.976	ug/L	100
12) 1,1-Dichloroethene	2.063	96	172103	27.385	ug/L	100
13) Acetone	2.153	43	94815m	58.705	ug/L	
14) Carbon disulfide	2.230	76	494689	28.360	ug/L	100
15) Methyl Acetate	2.388	43	49033	24.847	ug/L	100
16) Methylene chloride	2.439	84	169281	22.333	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	171480	27.018	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	358547	26.934	ug/L	100
19) 1,1-Dichloroethane	3.105	63	269577	27.072	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	179010	27.007	ug/L	100
22) 2-Butanone	3.915	43	82903m	63.916	ug/L	
23) Bromochloromethane	4.143	128	97550	27.933	ug/L	100
25) Chloroform	4.269	83	323629	26.925	ug/L	100
27) 1,2-Dichloroethane	5.037	62	193339	26.806	ug/L	100
29) Cyclohexane	4.574	56	205366	28.118	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	284159	26.811	ug/L	100
31) Carbon tetrachloride	4.728	117	265492	26.812	ug/L	100
33) Benzene	5.005	78	640489	27.531	ug/L	100
34) Trichloroethene	5.828	95	205519	26.994	ug/L	100
35) Methylcyclohexane	6.043	83	287974	28.407	ug/L	100
37) 1,2-Dichloropropane	6.088	63	148051	27.652	ug/L	100
38) Bromodichloromethane	6.429	83	232059	26.583	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	245431	27.129	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	136488	55.944	ug/L	100
42) Toluene	7.310	91	729871	28.325	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	217591	27.789	ug/L	100

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45) 1,1,2-Trichloroethane	7.764	97	141284	27.057	ug/L	100
46) Tetrachloroethene	7.902	164	184669	24.444	ug/L	100
48) 2-Hexanone	8.079	43	112748	59.294	ug/L	100
49) Dibromochloromethane	8.172	129	176575	26.840	ug/L	100
50) 1,2-Dibromoethane	8.281	107	144962	27.632	ug/L	100
51) Chlorobenzene	8.809	112	495855	26.577	ug/L	100
52) Ethylbenzene	8.940	91	795189	28.054	ug/L	100
53) m,p-Xylene	9.069	106	319769	28.896	ug/L	100
54) o-Xylene	9.474	106	301145	28.323	ug/L	100
55) Styrene	9.490	104	533737	29.604	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	123416	26.085	ug/L	100
59) Bromoform	9.661	173	118660	26.440	ug/L	100
60) Isopropylbenzene	9.863	105	823894	28.253	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	111072	26.440	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	673232	29.598	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	670537	29.122	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	435387	26.709	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	441521	26.301	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	401279	26.475	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	26512	26.800	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	332911	25.889	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	274942	26.321	ug/L	100
71) Naphthalene	13.435	128	414547	27.100	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	255817	27.142	ug/L	100

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

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