

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035983.D
 Acq On : 06 Jun 2024 13:33
 Operator : SY/MD
 Sample : P2695-27MSD
 Misc : 5.33g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BN3MSD

Quant Time: Jun 07 02:18:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 06/07/2024

Supervised By :Semsetun
 Yesilyurt
 06/07/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	390540	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	255156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	129124	17.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.920%		
7) Chloroethane-d5	1.526	69	122521	21.401	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.600%		
11) 1,1-Dichloroethene-d2	2.050	65	56025	17.528	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.120%		
21) 2-Butanone-d5	3.841	46	60827	36.924	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.840%		
24) Chloroform-d	4.243	84	266504	21.464	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.840%		
26) 1,2-Dichloroethane-d4	4.941	65	142917	21.954	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.800%		
32) Benzene-d6	4.957	84	460796	30.381	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	121.520%		
36) 1,2-Dichloropropane-d6	5.986	67	164698	34.482	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	137.920%#		
41) Toluene-d8	7.243	98	307446	22.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	7.555	79	45762	23.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.480%		
47) 2-Hexanone-d5	8.034	63	35253	54.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.960%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	88689	24.849	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	38529	18.461	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.102	85	76149	10.814	ug/L	99
3) Chloromethane	1.211	50	80145	9.917	ug/L	99
5) Vinyl chloride	1.278	62	92467	10.869	ug/L	99
6) Bromomethane	1.481	94	47728	9.043	ug/L	100
8) Chloroethane	1.545	64	66109	12.501	ug/L	99
9) Trichlorofluoromethane	1.706	101	121218	11.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	68319	10.189	ug/L	98
12) 1,1-Dichloroethene	2.063	96	71407	11.418	ug/L	85
13) Acetone	2.150	43	127434m	49.660	ug/L	
14) Carbon disulfide	2.233	76	95175	4.382	ug/L	100
15) Methyl Acetate	2.388	43	32759	10.270	ug/L #	87
16) Methylene chloride	2.442	84	140327	15.879	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	69675	10.488	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	235612	15.798	ug/L	97
19) 1,1-Dichloroethane	3.105	63	186460	14.738	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	85260	12.772	ug/L	99
22) 2-Butanone	3.921	43	63132m	28.994	ug/L	
23) Bromochloromethane	4.146	128	44878	13.403	ug/L	97
25) Chloroform	4.272	83	187983	14.445	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	108285	13.328	ug/L	99
29) Cyclohexane	4.577	56	45235	7.446	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	136078	19.508	ug/L	100
31) Carbon tetrachloride	4.728	117	95973	15.683	ug/L	99
33) Benzene	5.008	78	322270	19.312	ug/L	100
34) Trichloroethene	5.831	95	73408	14.353	ug/L	99
35) Methylcyclohexane	6.047	83	34686	4.904	ug/L	94
37) 1,2-Dichloropropane	6.092	63	97314	22.208	ug/L	99
38) Bromodichloromethane	6.433	83	117897	20.328	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	93749	14.304	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	110491	46.411	ug/L	97
42) Toluene	7.313	91	260956	15.303	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	89157	15.749	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	72765	20.069	ug/L	98
46) Tetrachloroethene	7.902	164	35814	9.574	ug/L	99
48) 2-Hexanone	8.082	43	77297	41.531	ug/L	93
49) Dibromochloromethane	8.175	129	69961	17.631	ug/L	98
50) 1,2-Dibromoethane	8.285	107	59260	17.034	ug/L	99
51) Chlorobenzene	8.815	112	139498	12.007	ug/L	99
52) Ethylbenzene	8.947	91	187638	10.285	ug/L	100
53) m,p-Xylene	9.072	106	63853	9.315	ug/L	99
54) o-Xylene	9.477	106	62601	9.684	ug/L	100
55) Styrene	9.497	104	100492	8.815	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	55199	17.003	ug/L	99
59) Bromoform	9.667	173	35338	32.924	ug/L	99
60) Isopropylbenzene	9.866	105	135909	18.613	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	53821	39.984	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	77528	14.643	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	73331	12.854	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	48735	12.709	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	48122	12.158	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	45290	12.551	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8092	26.884	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	17022	5.934	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	11088	4.910	ug/L	96
71) Naphthalene	13.442	128	24422	6.626	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	8435	4.093	ug/L	96

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

