

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060424\
 Data File : VW035973.D
 Acq On : 04 Jun 2024 13:15
 Operator : SY/MD
 Sample : P2695-16DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DF8DL

Quant Time: Jun 05 04:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	461248	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	460100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	217124	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	198608	23.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.680%
7) Chloroethane-d5	1.526	69	161235m	23.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.050	65	88978	23.570	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.280%
21) 2-Butanone-d5	3.838	46	96822	49.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.520%
24) Chloroform-d	4.246	84	349160	23.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.240%
26) 1,2-Dichloroethane-d4	4.937	65	184728	24.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	4.957	84	679538	24.847	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	5.985	67	220034	25.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	7.239	98	646362	26.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.160%
43) trans-1,3-Dichloroprop...	7.555	79	90114	25.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.080%
47) 2-Hexanone-d5	8.030	63	61983	53.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.240%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	154067	23.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	214514	26.942	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.760%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	364701	120.335	ug/L	# 43
16) Methylene chloride	2.439	84	231186	22.150	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	171733	21.888	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	196405	11.150	ug/L	99
19) 1,1-Dichloroethane	3.105	63	447026	29.918	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	292761	37.134	ug/L	99
22) 2-Butanone	3.912	43	104323m	40.567	ug/L	
25) Chloroform	4.272	83	247219	16.084	ug/L	100
31) Carbon tetrachloride	4.732	117	82949	7.517	ug/L	100
33) Benzene	5.005	78	1242258	41.282	ug/L	100
34) Trichloroethene	5.828	95	440348	47.746	ug/L	100
38) Bromodichloromethane	6.429	83	329691	31.524	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	453143	38.343	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	641753	149.491	ug/L	98
42) Toluene	7.313	91	593396	19.298	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	155580	23.797	ug/L	97
46) Tetrachloroethene	7.902	164	132482	19.641	ug/L	98
49) Dibromochloromethane	8.172	129	296127	41.386	ug/L	100
50) 1,2-Dibromoethane	8.281	107	109071	17.387	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	8.944	91	1126290	34.236	ug/L	99
53) m,p-Xylene	9.072	106	167710	13.567	ug/L	99
54) o-Xylene	9.477	106	251199	21.549	ug/L	100
55) Styrene	9.493	104	891590	43.372	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	238813	40.794	ug/L	100
59) Bromoform	9.664	173	220424	53.832	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	530980	35.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	57311	49.910	ug/L	97

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

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