

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082124\
 Data File : VW036994.D
 Acq On : 21 Aug 2024 17:11
 Operator : SY/MD
 Sample : VIBLK335
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK335

Quant Time: Aug 22 02:08:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 02:05:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	724580	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	666654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	321964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271355	23.037	ug/L	0.00
7) Chloroethane-d5	1.532	69	219335	22.793	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	121849	23.451	ug/L	0.00
21) 2-Butanone-d5	3.828	46	20783	11.212	ug/L	-0.02
24) Chloroform-d	4.243	84	488551	22.711	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	220182	22.430	ug/L	0.00
32) Benzene-d6	4.953	84	981064	23.312	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	289070	23.177	ug/L	0.00
41) Toluene-d8	7.236	98	887224	23.236	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	103716	23.469	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	53039	47.155	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	160352	23.098	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	269891	22.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	246101	22.394	ug/L	99
3) Chloromethane	1.217	50	292015	21.970	ug/L	99
5) Vinyl chloride	1.282	62	296736	23.142	ug/L	100
6) Bromomethane	1.487	94	186449	22.434	ug/L	98
8) Chloroethane	1.548	64	188471	23.097	ug/L	100
9) Trichlorofluoromethane	1.712	101	389652	23.786	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	239706	23.715	ug/L	100
12) 1,1-Dichloroethene	2.069	96	224604	23.180	ug/L	94
14) Carbon disulfide	2.236	76	744617	22.795	ug/L	99
15) Methyl Acetate	2.384	43	89649	25.599	ug/L	95
16) Methylene chloride	2.442	84	296230	18.643	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	256604	23.609	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	527224	23.613	ug/L	99
19) 1,1-Dichloroethane	3.105	63	485137	23.439	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	273015	23.271	ug/L	97
22) 2-Butanone	3.912	43	107810	48.434	ug/L #	100
23) Bromochloromethane	4.140	128	107926	22.761	ug/L	98
25) Chloroform	4.272	83	480259	23.179	ug/L	98
27) 1,2-Dichloroethane	5.037	62	276064	24.385	ug/L	98
29) Cyclohexane	4.571	56	410733	24.649	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	399966	24.246	ug/L	99
31) Carbon tetrachloride	4.725	117	337956	24.689	ug/L	100
33) Benzene	5.002	78	1030873	24.056	ug/L	100
34) Trichloroethene	5.828	95	293357	24.108	ug/L	98
35) Methylcyclohexane	6.043	83	449843	24.937	ug/L	99
37) 1,2-Dichloropropane	6.088	63	255043	24.107	ug/L #	98
38) Bromodichloromethane	6.429	83	314753	23.798	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	385977	24.350	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	219831	50.229	ug/L	99
42) Toluene	7.310	91	1096340	24.179	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	292010	24.295	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	165004	24.062	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.899	164	203853	23.989	ug/L	98
48) 2-Hexanone	8.079	43	175389	50.236	ug/L	97
49) Dibromochloromethane	8.172	129	182229	23.906	ug/L	97
50) 1,2-Dibromoethane	8.278	107	152454	24.064	ug/L	98
51) Chlorobenzene	8.809	112	689652	23.822	ug/L	99
52) Ethylbenzene	8.940	91	1240087	24.211	ug/L	99
53) m,p-Xylene	9.069	106	460877	24.329	ug/L	100
54) o-Xylene	9.471	106	440538	24.147	ug/L	97
55) Styrene	9.490	104	751515	24.673	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	151514	23.149	ug/L	98
59) Bromoform	9.661	173	89152	23.647	ug/L	98
60) Isopropylbenzene	9.860	105	1228346	24.814	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	125489	24.304	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1012501	24.677	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	997293	24.532	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	513846	23.302	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	511452	23.324	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	449360	23.676	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	23317	22.174	ug/L	88
69) 1,3,5-Trichlorobenzene	12.577	180	358037	23.361	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	285254	23.281	ug/L	99
71) Naphthalene	13.435	128	433202	22.521	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	240335	23.368	ug/L	100

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

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