

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019246.D
 Acq On : 8 Dec 2025 13:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VIBLK

Quant Time: Dec 09 01:16:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 01:13:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	258595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	439561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	359945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.917	152	170518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	143032	42.946	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	85.900%
35) Dibromofluoromethane	7.460	113	117628	45.445	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.880%
50) Toluene-d8	10.215	98	523807	46.069	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.848	95	167194	49.671	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	=	99.340%

Target Compounds					Qvalue	
15) Acrylonitrile	4.804	53	1816	1.765	ug/l #	86
20) Methylene Chloride	4.398	84	20613	3.326	ug/l	94
25) 2-Butanone	6.672	43	14796	10.087	ug/l	90
29) Tetrahydrofuran	7.066	42	7123	9.766	ug/l	95
31) Cyclohexane	7.536	56	6836	1.024	ug/l #	8
36) 1,1-Dichloropropene	7.542	75	23422	5.147	ug/l #	51
38) Carbon Tetrachloride	7.536	117	26245	7.904	ug/l #	14
43) Isopropyl Acetate	8.088	43	6634	1.521	ug/l	97
51) 4-Methyl-2-Pentanone	10.098	43	52365	24.357	ug/l	100
56) Ethyl methacrylate	10.603	69	4469	1.538	ug/l	93
59) 2-Hexanone	10.967	43	45568	26.374	ug/l	99
67) Ethyl Benzene	11.831	91	16070	1.013	ug/l	99
68) m/p-Xylenes	11.960	106	12373	2.029	ug/l	92
69) o-Xylene	12.331	106	7149	1.239	ug/l	96
70) Styrene	12.348	104	13735	1.423	ug/l	94
73) Isopropylbenzene	12.671	105	22565	1.500	ug/l	95
74) N-amyl acetate	12.466	43	9950	3.589	ug/l	97
77) Bromobenzene	12.994	156	4372	1.409	ug/l	95
78) n-propylbenzene	13.059	91	35509	2.003	ug/l	97
79) 2-Chlorotoluene	13.159	91	14364	1.441	ug/l	94
80) 1,3,5-Trimethylbenzene	13.218	105	19979	1.719	ug/l	98
82) 4-Chlorotoluene	13.271	91	19210	1.840	ug/l	97
83) tert-Butylbenzene	13.523	119	23540	2.256	ug/l	96
84) 1,2,4-Trimethylbenzene	13.570	105	26808	2.277	ug/l	98
85) sec-Butylbenzene	13.723	105	40287	2.566	ug/l	99
86) p-Isopropyltoluene	13.852	119	35223	2.660	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	12841	1.994	ug/l	99
88) 1,4-Dichlorobenzene	13.940	146	15113	2.470	ug/l	89
89) n-Butylbenzene	14.222	91	49307	3.950	ug/l	100
91) 1,2-Dichlorobenzene	14.275	146	13441	2.439	ug/l	97
93) 1,2,4-Trichlorobenzene	15.762	180	20174	5.575	ug/l	98
94) Hexachlorobutadiene	15.879	225	6607	3.565	ug/l	98
95) Naphthalene	16.050	128	81485	12.577	ug/l	99
96) 1,2,3-Trichlorobenzene	16.285	180	20796	6.721	ug/l	97

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

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