

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030257.D
 Acq On : 26 Sep 2024 13:54
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV402

Quant Time: Sep 27 04:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	174484	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	160103	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	75552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69017	29.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.280%
7) Chloroethane-d5	2.899	69	53012	30.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	4.021	65	32442	27.818	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.280%#
21) 2-Butanone-d5	7.087	46	22167	39.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.640%
24) Chloroform-d	7.648	84	134417	26.017	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	8.307	65	64385	24.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.720%
32) Benzene-d6	8.276	84	271882	26.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.520%
36) 1,2-Dichloropropane-d6	9.270	67	81064	25.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	10.318	98	243193	27.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.575	79	28302	23.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.922	63	17190	39.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	44248	20.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	67018	25.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	57468	30.617	ug/L	96
3) Chloromethane	2.222	50	70581	26.333	ug/L	98
5) Vinyl chloride	2.375	62	76743	28.418	ug/L	95
6) Bromomethane	2.789	94	45308	27.656	ug/L	96
8) Chloroethane	2.936	64	44662	28.260	ug/L	89
9) Trichlorofluoromethane	3.271	101	64413	26.994	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	57757	24.494	ug/L #	56
12) 1,1-Dichloroethene	4.045	96	61124	27.497	ug/L	94
13) Acetone	4.137	43	33215	41.331	ug/L	99
14) Carbon disulfide	4.387	76	214827	26.918	ug/L	99
15) Methyl Acetate	4.673	43	20117	18.174	ug/L	98
16) Methylene chloride	4.923	84	62977	23.563	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	67020	26.587	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	73869	21.387	ug/L	99
19) 1,1-Dichloroethane	6.216	63	129974	25.573	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	68600	25.413	ug/L	95
22) 2-Butanone	7.173	43	37352	40.861	ug/L	96
23) Bromochloromethane	7.520	128	26358	23.933	ug/L	91
25) Chloroform	7.673	83	124977	25.271	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	73691	23.011	ug/L	98
29) Cyclohexane	7.959	56	115999	28.474	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	105414	26.598	ug/L	99
31) Carbon tetrachloride	8.069	117	96753	26.946	ug/L	100
33) Benzene	8.325	78	286430	26.108	ug/L	100
34) Trichloroethene	9.093	95	74932	26.330	ug/L	96
35) Methylcyclohexane	9.331	83	127847	28.567	ug/L	99
37) 1,2-Dichloropropane	9.367	63	70704	24.314	ug/L	100
38) Bromodichloromethane	9.642	83	82552	24.375	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	102834	24.903	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	53959	37.616	ug/L	98
42) Toluene	10.386	91	305123	26.948	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	77665	23.148	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	41236	22.259	ug/L	98
46) Tetrachloroethene	10.861	164	52207	26.232	ug/L	91
48) 2-Hexanone	10.965	43	50087	41.520	ug/L	99
49) Dibromochloromethane	11.129	129	44555	22.409	ug/L	97
50) 1,2-Dibromoethane	11.233	107	37207	21.374	ug/L #	99
51) Chlorobenzene	11.654	112	176365	25.333	ug/L	98
52) Ethylbenzene	11.727	91	341067	26.652	ug/L	99
53) m,p-Xylene	11.836	106	127682	27.534	ug/L	91
54) o-Xylene	12.160	106	112641	25.861	ug/L	84
55) Styrene	12.178	104	194395	26.511	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	43672	19.919	ug/L	99
59) Bromoform	12.349	173	23369	22.216	ug/L	99
60) Isopropylbenzene	12.458	105	328467	28.460	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	30504	20.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	255270	28.418	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	254145	28.850	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	125020	25.466	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	132056	26.288	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	114294	26.724	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	6229	19.050	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	85104	26.543	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	66073	25.448	ug/L	99
71) Naphthalene	15.354	128	99430	22.063	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55066	24.320	ug/L	98

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

