

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027192.D
 Acq On : 27 Sep 2023 12:54
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV459

Quant Time: Sep 27 23:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	632081	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	618455	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	342436	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	233696	23.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.120%
7) Chloroethane-d5	2.899	69	187912	23.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.021	65	96929	23.492	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	7.081	46	99545	48.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.980%
24) Chloroform-d	7.648	84	443571	23.978	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.920%
26) 1,2-Dichloroethane-d4	8.307	65	213613	24.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.276	84	923997	24.378	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	9.276	67	275917	24.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.319	98	838231	25.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	10.575	79	112284	25.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.840%
47) 2-Hexanone-d5	10.922	63	92601	53.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216277	24.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	271862	23.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	179146	21.812	ug/L	93
3) Chloromethane	2.229	50	265600	23.957	ug/L	97
5) Vinyl chloride	2.381	62	295637	24.424	ug/L	97
6) Bromomethane	2.796	94	191636	24.031	ug/L	97
8) Chloroethane	2.936	64	180472	24.567	ug/L	98
9) Trichlorofluoromethane	3.265	101	241825	23.771	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	252731	24.692	ug/L	91
12) 1,1-Dichloroethene	4.051	96	236446	24.180	ug/L	98
13) Acetone	4.125	43	128521	50.660	ug/L	100
14) Carbon disulfide	4.393	76	775217	23.620	ug/L	97
15) Methyl Acetate	4.673	43	105778	24.877	ug/L	99
16) Methylene chloride	4.923	84	274876	22.215	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	257844	24.507	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	343447	26.085	ug/L	99
19) 1,1-Dichloroethane	6.222	63	477059	24.313	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	280759	25.033	ug/L	98
22) 2-Butanone	7.173	43	158747	50.596	ug/L	100
23) Bromochloromethane	7.520	128	123404	24.113	ug/L	92
25) Chloroform	7.679	83	471012	24.612	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	287347	24.511	ug/L	99
29) Cyclohexane	7.959	56	420159	25.536	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	369870	24.058	ug/L	99
31) Carbon tetrachloride	8.075	117	350001	24.103	ug/L	99
33) Benzene	8.325	78	1087543	24.880	ug/L	100
34) Trichloroethene	9.093	95	281270	24.641	ug/L	94
35) Methylcyclohexane	9.337	83	475702	24.777	ug/L	99
37) 1,2-Dichloropropane	9.368	63	272336	24.180	ug/L	100
38) Bromodichloromethane	9.648	83	337338	24.937	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	418830	25.238	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	283633	51.908	ug/L	100
42) Toluene	10.386	91	1118618	24.919	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	345896	25.431	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	203288	24.941	ug/L	98
46) Tetrachloroethene	10.861	164	215690	24.037	ug/L	94
48) 2-Hexanone	10.965	43	225508	52.643	ug/L	99
49) Dibromochloromethane	11.129	129	217008	24.549	ug/L	98
50) 1,2-Dibromoethane	11.233	107	187764	24.825	ug/L #	98
51) Chlorobenzene	11.654	112	727122	24.409	ug/L	99
52) Ethylbenzene	11.727	91	1270910	25.201	ug/L	99
53) m,p-Xylene	11.837	106	494954	25.596	ug/L	89
54) o-Xylene	12.166	106	471275	26.089	ug/L	95
55) Styrene	12.178	104	816471	26.257	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	238129	24.357	ug/L	97
59) Bromoform	12.349	173	128620	23.786	ug/L	96
60) Isopropylbenzene	12.465	105	1248766	24.765	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	174071	24.829	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1001704	25.338	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1017179	26.255	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	580948	24.962	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	571823	24.456	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	496043	24.317	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	36241	24.133	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	370366	24.714	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	311338	26.333	ug/L	97
71) Naphthalene	15.360	128	581053	27.854	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	283540	27.016	ug/L	98

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

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