

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092724\
 Data File : VW030285.D
 Acq On : 27 Sep 2024 17:37
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV408

Quant Time: Sep 28 02:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 28 02:37:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	194316	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	177978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	90172	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	34425	22.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
7) Chloroethane-d5	2.899	69	25021	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.027	65	24626	22.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.880%
21) 2-Butanone-d5	7.081	46	29230	47.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.740%
24) Chloroform-d	7.648	84	123650	23.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.306	65	65796	24.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	8.276	84	245440	24.605	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	9.276	67	72743	24.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.000%
41) Toluene-d8	10.324	98	224720	24.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	10.574	79	31537	25.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.080%
47) 2-Hexanone-d5	10.922	63	25936	52.352	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56666	25.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	75773	25.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	44002	20.717	ug/L	98
3) Chloromethane	2.222	50	39053	23.471	ug/L	99
5) Vinyl chloride	2.374	62	42078	23.789	ug/L	92
6) Bromomethane	2.789	94	27333	23.217	ug/L	89
8) Chloroethane	2.935	64	23057	23.893	ug/L	98
9) Trichlorofluoromethane	3.265	101	58135	25.513	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	56265	24.785	ug/L	95
12) 1,1-Dichloroethene	4.051	96	52994	23.474	ug/L	97
13) Acetone	4.124	43	30253	46.705	ug/L	100
14) Carbon disulfide	4.392	76	183601	24.456	ug/L	99
15) Methyl Acetate	4.673	43	25918	24.532	ug/L	98
16) Methylene chloride	4.923	84	63579	21.258	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	62652	23.907	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	102617	24.619	ug/L #	89
19) 1,1-Dichloroethane	6.221	63	119399	23.924	ug/L	95
20) cis-1,2-Dichloroethene	7.172	96	69403	23.969	ug/L	97
22) 2-Butanone	7.172	43	39321	47.485	ug/L	99
23) Bromochloromethane	7.514	128	29967	23.707	ug/L	93
25) Chloroform	7.672	83	125140	24.178	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	83123	24.216	ug/L	98
29) Cyclohexane	7.959	56	101757	25.937	ug/L	100
30) 1,1,1-Trichloroethane	7.873	97	101708	24.669	ug/L	99
31) Carbon tetrachloride	8.075	117	93639	25.412	ug/L	100
33) Benzene	8.325	78	269008	24.815	ug/L	100
34) Trichloroethene	9.093	95	71811	24.904	ug/L	92
35) Methylcyclohexane	9.337	83	112471	25.417	ug/L	97
37) 1,2-Dichloropropane	9.367	63	69662	24.356	ug/L	99
38) Bromodichloromethane	9.641	83	87486	24.363	ug/L	91
39) cis-1,3-Dichloropropene	10.068	75	109990	25.080	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	74893	50.908	ug/L	99
42) Toluene	10.385	91	291197	25.092	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	90778	24.981	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	49075	24.348	ug/L	96
46) Tetrachloroethene	10.861	164	53501	24.806	ug/L	93
48) 2-Hexanone	10.964	43	55147	50.908	ug/L	99
49) Dibromochloromethane	11.129	129	54982	24.240	ug/L	95
50) 1,2-Dibromoethane	11.233	107	47371	24.838	ug/L	99
51) Chlorobenzene	11.653	112	179664	23.957	ug/L	95
52) Ethylbenzene	11.726	91	337642	25.682	ug/L	93
53) m,p-Xylene	11.836	106	127370	25.952	ug/L	98
54) o-Xylene	12.159	106	116612	24.964	ug/L	96
55) Styrene	12.178	104	202694	25.436	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	57272	24.262	ug/L	99
59) Bromoform	12.348	173	31867	24.394	ug/L	97
60) Isopropylbenzene	12.458	105	322843	25.224	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	42896	25.024	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	263300	25.434	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	262286	25.643	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	140640	24.589	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	141453	24.209	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	125864	24.683	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	9713	24.730	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	96332	24.402	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	79525	24.331	ug/L	98
71) Naphthalene	15.360	128	154552	25.851	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	70667	24.700	ug/L	99

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

