

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080724\
 Data File : VW029845.D
 Acq On : 07 Aug 2024 11:58
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Aug 08 01:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	210332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	99168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50139	16.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.160%
7) Chloroethane-d5	2.899	69	45443	21.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.021	65	26277	19.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.120%
21) 2-Butanone-d5	7.081	46	39606	48.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
24) Chloroform-d	7.648	84	144666	26.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	8.307	65	81759	26.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.440%
32) Benzene-d6	8.276	84	258543	23.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.760%
36) 1,2-Dichloropropane-d6	9.276	67	88830	25.760	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.040%
41) Toluene-d8	10.319	98	233193	24.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.575	79	32404	23.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.880%
47) 2-Hexanone-d5	10.922	63	27894	49.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70139	27.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	76463	24.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74955	26.438	ug/L	97
3) Chloromethane	2.222	50	85362	24.332	ug/L	98
5) Vinyl chloride	2.375	62	103560	26.345	ug/L	99
6) Bromomethane	2.789	94	57129	26.466	ug/L	98
8) Chloroethane	2.936	64	61961	27.708	ug/L	96
9) Trichlorofluoromethane	3.265	101	83600	26.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82853	26.494	ug/L	98
12) 1,1-Dichloroethene	4.039	96	76737	26.706	ug/L	96
13) Acetone	4.125	43	44907	44.152	ug/L	99
14) Carbon disulfide	4.393	76	246825	25.812	ug/L	98
15) Methyl Acetate	4.667	43	43331	25.578	ug/L	100
16) Methylene chloride	4.923	84	100121	22.770	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	84071	27.151	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	131632	25.793	ug/L	97
19) 1,1-Dichloroethane	6.216	63	184703	28.283	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93094	27.717	ug/L	96
22) 2-Butanone	7.167	43	58833	45.145	ug/L	100
23) Bromochloromethane	7.514	128	39951	28.018	ug/L	91
25) Chloroform	7.673	83	178722	29.047	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125762	28.047	ug/L	100
29) Cyclohexane	7.953	56	144798	25.493	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	136863	27.040	ug/L	99
31) Carbon tetrachloride	8.075	117	125063	27.421	ug/L	96
33) Benzene	8.325	78	382499	27.931	ug/L	100
34) Trichloroethene	9.093	95	96228	26.804	ug/L	93
35) Methylcyclohexane	9.337	83	158085	26.426	ug/L	97
37) 1,2-Dichloropropane	9.367	63	105026	27.986	ug/L	100
38) Bromodichloromethane	9.642	83	127212	28.465	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	148276	27.130	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	124581	52.263	ug/L	99
42) Toluene	10.386	91	400091	28.622	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	124742	27.494	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	69966	27.751	ug/L	96
46) Tetrachloroethene	10.861	164	71267	27.313	ug/L	92
48) 2-Hexanone	10.965	43	88576	49.613	ug/L	96
49) Dibromochloromethane	11.129	129	75194	28.730	ug/L	96
50) 1,2-Dibromoethane	11.233	107	63659	27.289	ug/L	90
51) Chlorobenzene	11.654	112	241597	27.786	ug/L	99
52) Ethylbenzene	11.727	91	446347	28.307	ug/L	98
53) m,p-Xylene	11.837	106	167558	28.894	ug/L	97
54) o-Xylene	12.166	106	155345	29.090	ug/L	96
55) Styrene	12.178	104	275186	29.729	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	82587	26.689	ug/L	97
59) Bromoform	12.349	173	40591	27.202	ug/L	100
60) Isopropylbenzene	12.458	105	427335	27.848	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60894	25.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	355412	31.160	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	342088	28.043	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	184355	28.158	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186045	27.664	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	172660	28.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13308	24.301	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	117662	26.267	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	98890	26.204	ug/L	94
71) Naphthalene	15.360	128	187463	26.033	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86254	25.252	ug/L	94

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

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