

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032924\
 Data File : VW028280.D
 Acq On : 29 Mar 2024 15:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Mar 30 01:04:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Mar 30 00:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	235223	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	213972	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	111152	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	47639	17.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.240%
7) Chloroethane-d5	2.899	69	41033	21.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
11) 1,1-Dichloroethene-d2	4.027	65	31833	18.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.960%
21) 2-Butanone-d5	7.075	46	47553	58.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.160%
24) Chloroform-d	7.648	84	172598	24.884	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.306	65	92397	24.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.276	84	324034	24.804	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.270	67	100273	26.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.680%
41) Toluene-d8	10.324	98	291518	24.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.760%
43) trans-1,3-Dichloroprop...	10.574	79	41507	24.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.240%
47) 2-Hexanone-d5	10.922	63	37706	60.677	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80044	28.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	100898	24.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58346	17.099	ug/L	93
3) Chloromethane	2.222	50	51482	21.272	ug/L	99
5) Vinyl chloride	2.375	62	62263	22.759	ug/L	99
6) Bromomethane	2.795	94	38139	23.409	ug/L	94
8) Chloroethane	2.935	64	36363	24.730	ug/L	94
9) Trichlorofluoromethane	3.271	101	72651	21.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	76524	23.289	ug/L	97
12) 1,1-Dichloroethene	4.051	96	71687	23.601	ug/L	92
13) Acetone	4.130	43	30436	33.769	ug/L	79
14) Carbon disulfide	4.392	76	203804	21.512	ug/L	99
15) Methyl Acetate	4.673	43	34122	24.578	ug/L	100
16) Methylene chloride	4.923	84	79081	22.089	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	78687	24.376	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	125035	25.673	ug/L	99
19) 1,1-Dichloroethane	6.221	63	159667	25.549	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	90057	25.832	ug/L	99
22) 2-Butanone	7.166	43	44550	43.535	ug/L	99
23) Bromochloromethane	7.514	128	38294	24.846	ug/L	92
25) Chloroform	7.678	83	161293	25.070	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103687	22.822	ug/L #	95
29) Cyclohexane	7.959	56	133496	23.919	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	133313	23.768	ug/L	99
31) Carbon tetrachloride	8.069	117	118627	22.548	ug/L	99
33) Benzene	8.325	78	338523	25.710	ug/L	100
34) Trichloroethene	9.093	95	90589	24.660	ug/L	98
35) Methylcyclohexane	9.337	83	145894	23.496	ug/L	99
37) 1,2-Dichloropropane	9.367	63	89754	26.651	ug/L	99
38) Bromodichloromethane	9.642	83	112010	24.668	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	135686	25.157	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	96863	52.106	ug/L	98
42) Toluene	10.385	91	363562	25.300	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	113511	24.928	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	63737	26.194	ug/L	95
46) Tetrachloroethene	10.855	164	67737	22.876	ug/L	95
48) 2-Hexanone	10.964	43	67320	46.230	ug/L	97
49) Dibromochloromethane	11.123	129	71918	24.956	ug/L	99
50) 1,2-Dibromoethane	11.233	107	57831	24.856	ug/L	95
51) Chlorobenzene	11.653	112	230846	25.309	ug/L	95
52) Ethylbenzene	11.727	91	421145	25.105	ug/L	99
53) m,p-Xylene	11.836	106	156373	24.771	ug/L	99
54) o-Xylene	12.159	106	150092	25.639	ug/L	98
55) Styrene	12.178	104	261167	25.973	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	72362	26.000	ug/L	94
59) Bromoform	12.348	173	40845	24.523	ug/L	100
60) Isopropylbenzene	12.458	105	421555	25.526	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53410	25.177	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	289845	26.157	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340441	25.444	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	182596	24.784	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	190646	25.877	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	162099	25.549	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	11585	23.248	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	130806	25.488	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	102984	23.621	ug/L	97
71) Naphthalene	15.360	128	196262	26.227	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88950	24.749	ug/L	99

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

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