

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072924\
 Data File : VW029781.D
 Acq On : 29 Jul 2024 10:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Jul 30 06:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 29 04:44:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	229428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	217355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103072	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	67556	20.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.899	69	55068	23.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.021	65	32702	21.995	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	7.075	46	39256	43.973	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.940%
24) Chloroform-d	7.648	84	158240	26.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.560%
26) 1,2-Dichloroethane-d4	8.307	65	89598	26.486	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.960%
32) Benzene-d6	8.270	84	295575	25.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.270	67	95782	25.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.160%
41) Toluene-d8	10.319	98	267955	25.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	37163	24.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	27429	44.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71018	25.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	80384	25.116	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79547	25.722	ug/L	98
3) Chloromethane	2.223	50	95761	25.024	ug/L	99
5) Vinyl chloride	2.375	62	111668	26.043	ug/L	99
6) Bromomethane	2.790	94	61406	26.080	ug/L	100
8) Chloroethane	2.936	64	65586	26.887	ug/L	99
9) Trichlorofluoromethane	3.265	101	86450	25.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	86073	25.232	ug/L	90
12) 1,1-Dichloroethene	4.045	96	78028	24.895	ug/L	98
13) Acetone	4.125	43	52738	47.536	ug/L	98
14) Carbon disulfide	4.393	76	269137	25.803	ug/L	98
15) Methyl Acetate	4.673	43	41465	22.439	ug/L	99
16) Methylene chloride	4.917	84	91344	19.045	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	87399	25.876	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	131510	23.625	ug/L	99
19) 1,1-Dichloroethane	6.216	63	183036	25.695	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	93212	25.442	ug/L	100
22) 2-Butanone	7.167	43	62659	44.079	ug/L	99
23) Bromochloromethane	7.508	128	39826	25.605	ug/L	87
25) Chloroform	7.673	83	174918	26.063	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125803	25.721	ug/L	99
29) Cyclohexane	7.953	56	155043	25.101	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	140451	25.517	ug/L	97
31) Carbon tetrachloride	8.069	117	125855	25.375	ug/L	96
33) Benzene	8.319	78	378798	25.435	ug/L	100
34) Trichloroethene	9.093	95	95121	24.365	ug/L	99
35) Methylcyclohexane	9.331	83	168168	25.851	ug/L	98
37) 1,2-Dichloropropane	9.368	63	104585	25.626	ug/L	100
38) Bromodichloromethane	9.642	83	125200	25.762	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	149678	25.183	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	119902	46.254	ug/L	99
42) Toluene	10.386	91	391592	25.760	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	124929	25.320	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	67073	24.464	ug/L	94
46) Tetrachloroethene	10.861	164	69130	24.362	ug/L	94
48) 2-Hexanone	10.965	43	90247	46.483	ug/L	96
49) Dibromochloromethane	11.129	129	70445	24.750	ug/L	98
50) 1,2-Dibromoethane	11.233	107	60455	23.831	ug/L	97
51) Chlorobenzene	11.654	112	233772	24.723	ug/L	97
52) Ethylbenzene	11.727	91	449521	26.215	ug/L	98
53) m,p-Xylene	11.837	106	160010	25.373	ug/L	100
54) o-Xylene	12.160	106	155965	26.856	ug/L	99
55) Styrene	12.178	104	272641	27.085	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	79698	23.683	ug/L	98
59) Bromoform	12.349	173	37231	24.006	ug/L	96
60) Isopropylbenzene	12.459	105	425730	26.692	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	59654	23.796	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	346826	29.255	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340469	26.854	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	177535	26.089	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	183357	26.231	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	163678	26.419	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	12789	22.468	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	114759	24.648	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	95770	24.416	ug/L	95
71) Naphthalene	15.360	128	184498	24.651	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85836	24.178	ug/L	97

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

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