

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091024\
 Data File : VD079814.D
 Acq On : 10 Sep 2024 15:30
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV843

Quant Time: Sep 11 06:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 06:11:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	191673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	187271	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	88416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	186720	22.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.799	69	149568	22.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	3.911	65	35135	23.218	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.880%
21) 2-Butanone-d5	6.987	46	36314	46.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.780%
24) Chloroform-d	7.563	84	144151	22.879	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.228	65	76978	23.364	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.199	84	318472	24.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.360%
36) 1,2-Dichloropropane-d6	9.210	67	96045	23.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.880%
41) Toluene-d8	10.269	98	293981	25.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	10.522	79	41632	23.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.875	63	31586	47.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	68940	23.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.810	152	80285	24.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82838	22.665	ug/L	96
3) Chloromethane	2.146	50	160978	25.126	ug/L	98
5) Vinyl chloride	2.281	62	193589	24.658	ug/L	97
6) Bromomethane	2.693	94	96684	24.458	ug/L	97
8) Chloroethane	2.834	64	126085	24.309	ug/L	100
9) Trichlorofluoromethane	3.170	101	127368	22.563	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	69415	22.216	ug/L	98
12) 1,1-Dichloroethene	3.940	96	70555	24.244	ug/L	84
13) Acetone	4.022	43	51437	54.483	ug/L	100
14) Carbon disulfide	4.269	76	229626	24.257	ug/L	98
15) Methyl Acetate	4.564	43	37915	25.212	ug/L #	82
16) Methylene chloride	4.799	84	88779	23.441	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	78540	25.311	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	185862	26.625	ug/L	98
19) 1,1-Dichloroethane	6.111	63	157950	25.626	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	89989	26.338	ug/L	97
22) 2-Butanone	7.081	43	58805	53.098	ug/L	95
23) Bromochloromethane	7.422	128	35849	24.722	ug/L	95
25) Chloroform	7.593	83	164389	25.622	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	98068	25.008	ug/L	98
29) Cyclohexane	7.875	56	107672	23.245	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	126454	24.772	ug/L	99
31) Carbon tetrachloride	7.987	117	112877	24.958	ug/L	100
33) Benzene	8.252	78	362663	26.007	ug/L	100
34) Trichloroethene	9.028	95	82477	25.597	ug/L	96
35) Methylcyclohexane	9.275	83	123629	23.776	ug/L	99
37) 1,2-Dichloropropane	9.299	63	97689	25.688	ug/L #	100
38) Bromodichloromethane	9.581	83	114130	25.756	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	141832	26.559	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	105428	52.960	ug/L	98
42) Toluene	10.328	91	391906	26.681	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	126743	26.931	ug/L	96
45) 1,1,2-Trichloroethane	10.728	97	65297	25.132	ug/L	97
46) Tetrachloroethene	10.810	164	55779	25.499	ug/L	96
48) 2-Hexanone	10.916	43	87996	54.343	ug/L	98
49) Dibromochloromethane	11.069	129	71766	25.306	ug/L	97
50) 1,2-Dibromoethane	11.175	107	56497	25.176	ug/L	95
51) Chlorobenzene	11.604	112	230749	26.177	ug/L	98
52) Ethylbenzene	11.681	91	419301	27.174	ug/L	100
53) m,p-Xylene	11.793	106	160636	27.485	ug/L	93
54) o-Xylene	12.116	106	152850	26.673	ug/L	90
55) Styrene	12.134	104	273853	27.191	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	79072	25.964	ug/L	96
59) Bromoform	12.298	173	40140	26.299	ug/L	96
60) Isopropylbenzene	12.416	105	407265	26.680	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	53242	24.498	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	323479	28.976	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	320352	27.363	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	167150	26.497	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	171984	25.992	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	149791	26.271	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11526	25.920	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	99532	26.021	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	83729	25.999	ug/L	98
71) Naphthalene	15.328	128	186150	25.879	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	75889	26.344	ug/L	98

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

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