

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035099.D
 Acq On : 10 Apr 2024 11:16
 Operator : SY/MD
 Sample : P1979-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MSD

Quant Time: Apr 11 06:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	294723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	273959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104419	36.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.380%		
7) Chloroethane-d5	1.523	69	101964	41.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.480%		
11) 1,1-Dichloroethene-d2	2.056	65	47926	38.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.820%		
21) 2-Butanone-d5	3.783	46	215684	127.769	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	127.770%		
24) Chloroform-d	4.246	84	240144	50.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.360%		
26) 1,2-Dichloroethane-d4	4.941	65	155132	51.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.120%		
32) Benzene-d6	4.957	84	436225	47.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
36) 1,2-Dichloropropane-d6	5.986	67	152300	52.118	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.240%		
41) Toluene-d8	7.240	98	367306	44.320	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.640%		
43) trans-1,3-Dichloroprop...	7.551	79	65665	46.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.024	63	133992	121.277	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.280%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	233365	57.992	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.980%		
66) 1,2-Dichlorobenzene-d4	11.558	152	139458	46.978	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	78745	36.864	ug/L	99
3) Chloromethane	1.214	50	141083	51.376	ug/L	100
5) Vinyl chloride	1.282	62	130887	45.465	ug/L	99
6) Bromomethane	1.478	94	63135	29.257	ug/L	100
8) Chloroethane	1.542	64	98726	50.213	ug/L	98
9) Trichlorofluoromethane	1.709	101	157830	41.771	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92786	40.120	ug/L	97
12) 1,1-Dichloroethene	2.066	96	96868	43.794	ug/L	92
13) Acetone	2.111	43	185272	119.547	ug/L	99
14) Carbon disulfide	2.237	76	232448	37.317	ug/L	99
15) Methyl Acetate	2.372	43	197712	80.955	ug/L	99
16) Methylene chloride	2.442	84	152751	63.734	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	104849	49.029	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	524914	69.883	ug/L	98
19) 1,1-Dichloroethane	3.108	63	272003	62.025	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	141279	58.178	ug/L	99
22) 2-Butanone	3.863	43	252830	140.589	ug/L	98
23) Bromochloromethane	4.143	128	78137	64.312	ug/L	97
25) Chloroform	4.272	83	266846	61.546	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	227509	65.905	ug/L	100
29) Cyclohexane	4.577	56	134759	39.274	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	188251	52.716	ug/L	99
31) Carbon tetrachloride	4.732	117	146392	48.366	ug/L	100
33) Benzene	5.008	78	502161	56.212	ug/L	100
34) Trichloroethene	5.831	95	116788	48.441	ug/L	98
35) Methylcyclohexane	6.047	83	139266	38.249	ug/L	97
37) 1,2-Dichloropropane	6.092	63	161126	65.266	ug/L	99
38) Bromodichloromethane	6.429	83	207262	65.068	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	214781	55.226	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	524799	166.495	ug/L	97
42) Toluene	7.314	91	476097	50.905	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	215521	60.320	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	162253	69.729	ug/L	99
46) Tetrachloroethene	7.902	164	76194	45.236	ug/L	95
48) 2-Hexanone	8.072	43	408811	152.493	ug/L	97
49) Dibromochloromethane	8.175	129	154783	67.161	ug/L	99
50) 1,2-Dibromoethane	8.278	107	162575	64.895	ug/L	97
51) Chlorobenzene	8.812	112	308185	50.842	ug/L	99
52) Ethylbenzene	8.944	91	480597	46.365	ug/L	100
53) m,p-Xylene	9.072	106	176884	46.338	ug/L	98
54) o-Xylene	9.477	106	183933	48.699	ug/L	96
55) Styrene	9.493	104	327647	51.335	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	274996	72.940	ug/L	99
59) Bromoform	9.664	173	115189	76.022	ug/L	99
60) Isopropylbenzene	9.866	105	461154	48.380	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	221008	77.138	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	297918	48.125	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	379197	49.544	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	227613	51.098	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	231384	51.080	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	246282	55.501	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	61609	78.051	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	160646	50.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	149957	50.852	ug/L	99
71) Naphthalene	13.435	128	521290	63.716	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	168759	58.056	ug/L	99

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

