

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042490.D
 Acq On : 23 Jul 2024 22:17
 Operator : JC/MD
 Sample : P3327-28MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MSD

Quant Time: Jul 24 03:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212178	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48967	39.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.300%
7) Chloroethane-d5	1.654	69	38449	49.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.900%
11) 1,1-Dichloroethene-d2	2.300	65	23815	44.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.120%
21) 2-Butanone-d5	4.465	46	88852	99.834	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.830%
24) Chloroform-d	5.062	84	119834	48.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	5.958	65	71118	48.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	5.977	84	233792	46.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
36) 1,2-Dichloropropane-d6	7.312	67	71180	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	8.647	98	219485	46.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	8.952	79	31008	47.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.980%
47) 2-Hexanone-d5	9.384	63	67254	98.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106179	47.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	92270	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64399	42.433	ug/L	100
3) Chloromethane	1.301	50	61557	40.136	ug/L	99
5) Vinyl chloride	1.374	62	155354	102.986	ug/L	99
6) Bromomethane	1.599	94	34403	41.854	ug/L	99
8) Chloroethane	1.679	64	36236	48.192	ug/L	95
9) Trichlorofluoromethane	1.886	101	101498	51.699	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	69022	51.014	ug/L	99
12) 1,1-Dichloroethene	2.319	96	65636	51.215	ug/L #	81
13) Acetone	2.386	43	67211	110.701	ug/L	96
14) Carbon disulfide	2.514	76	123605	38.768	ug/L	99
15) Methyl Acetate	2.709	43	71450	46.317	ug/L	99
16) Methylene chloride	2.788	84	71896	45.470	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	69182	52.484	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	234223	54.338	ug/L	99
19) 1,1-Dichloroethane	3.611	63	136421	57.634	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	876218	565.819	ug/L	99
22) 2-Butanone	4.562	43	114193	112.361	ug/L	98
23) Bromochloromethane	4.910	128	41138	49.708	ug/L	99
25) Chloroform	5.093	83	135459	54.580	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	101577	55.228	ug/L	100
29) Cyclohexane	5.471	56	97665	46.532	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	115506	54.629	ug/L	100
31) Carbon tetrachloride	5.678	117	101838	55.140	ug/L	99
33) Benzene	6.038	78	278954	51.365	ug/L	100
34) Trichloroethene	7.123	95	581222	408.572	ug/L	98
35) Methylcyclohexane	7.379	83	104582	48.485	ug/L	99
37) 1,2-Dichloropropane	7.434	63	75970	54.519	ug/L	99
38) Bromodichloromethane	7.824	83	95045	55.700	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	109750	53.490	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	223988	112.697	ug/L	99
42) Toluene	8.720	91	301970	52.110	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	100658	54.718	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	81461	54.637	ug/L	96
46) Tetrachloroethene	9.275	164	66644	50.049	ug/L	98
48) 2-Hexanone	9.433	43	172675	110.631	ug/L	99
49) Dibromochloromethane	9.519	129	84675	55.763	ug/L	99
50) 1,2-Dibromoethane	9.610	107	86337	53.917	ug/L	98
51) Chlorobenzene	10.079	112	205625	51.692	ug/L	99
52) Ethylbenzene	10.195	91	333630	52.980	ug/L	99
53) m,p-Xylene	10.299	106	133736	52.762	ug/L	97
54) o-Xylene	10.640	106	132603	52.373	ug/L	98
55) Styrene	10.653	104	223851	53.060	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	129767	54.227	ug/L	99
59) Bromoform	10.799	173	70559	55.628	ug/L	99
60) Isopropylbenzene	10.963	105	347365	54.828	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	98131	54.612	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	259696	53.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	279989	54.230	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	168668	53.085	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	169764	52.820	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	174639	53.394	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	26128	56.803	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	120896	52.368	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	108962	51.892	ug/L	99
71) Naphthalene	13.774	128	358213	55.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	117903	53.138	ug/L	99

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

