

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042489.D
 Acq On : 23 Jul 2024 21:55
 Operator : JC/MD
 Sample : P3327-27MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8MS

Quant Time: Jul 24 03:53:40 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	193843	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	178044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50265	44.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.100%
7) Chloroethane-d5	1.648	69	33451	47.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.180%
11) 1,1-Dichloroethene-d2	2.301	65	24023	48.649	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.300%
21) 2-Butanone-d5	4.465	46	87110	107.135	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.130%
24) Chloroform-d	5.056	84	121141	53.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.958	65	72222	53.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.880%
32) Benzene-d6	5.971	84	235938	51.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.540%
36) 1,2-Dichloropropane-d6	7.306	67	72373	52.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	8.647	98	218954	51.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.100%
43) trans-1,3-Dichloroprop...	8.952	79	31020	51.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.640%
47) 2-Hexanone-d5	9.385	63	66830	106.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.310%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108032	52.763	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	12.317	152	93891	50.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	61700	44.500	ug/L	99
3) Chloromethane	1.301	50	61540	43.921	ug/L	97
5) Vinyl chloride	1.374	62	151717	110.088	ug/L	99
6) Bromomethane	1.599	94	30869	41.107	ug/L	99
8) Chloroethane	1.666	64	35096	51.091	ug/L	99
9) Trichlorofluoromethane	1.874	101	97712	54.478	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	65836	53.262	ug/L	99
12) 1,1-Dichloroethene	2.313	96	62716	53.565	ug/L	85
13) Acetone	2.392	43	62812	113.241	ug/L	98
14) Carbon disulfide	2.502	76	111648	38.330	ug/L	99
15) Methyl Acetate	2.709	43	69486	49.304	ug/L	100
16) Methylene chloride	2.788	84	71798	49.703	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	66491	55.214	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	228693	58.073	ug/L	99
19) 1,1-Dichloroethane	3.605	63	132759	61.392	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	851766	602.054	ug/L	99
22) 2-Butanone	4.568	43	108268	116.608	ug/L	99
23) Bromochloromethane	4.904	128	41297	54.620	ug/L	95
25) Chloroform	5.093	83	133000	58.658	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	100095	59.569	ug/L	100
29) Cyclohexane	5.465	56	93494	48.589	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	110675	57.096	ug/L	98
31) Carbon tetrachloride	5.672	117	95849	56.609	ug/L	100
33) Benzene	6.038	78	272547	54.741	ug/L	100
34) Trichloroethene	7.123	95	558974	428.603	ug/L	98
35) Methylcyclohexane	7.379	83	98723	49.924	ug/L	98
37) 1,2-Dichloropropane	7.428	63	73473	57.514	ug/L	99
38) Bromodichloromethane	7.824	83	91418	58.438	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	106561	56.651	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	218514	119.923	ug/L	99
42) Toluene	8.720	91	293066	55.165	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	98573	58.449	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	79972	58.507	ug/L	97
46) Tetrachloroethene	9.275	164	65143	53.363	ug/L	98
48) 2-Hexanone	9.433	43	165870	115.919	ug/L	100
49) Dibromochloromethane	9.519	129	81119	58.271	ug/L	96
50) 1,2-Dibromoethane	9.610	107	82910	56.478	ug/L	100
51) Chlorobenzene	10.080	112	203240	55.731	ug/L	98
52) Ethylbenzene	10.195	91	324131	56.144	ug/L	99
53) m,p-Xylene	10.299	106	127778	54.988	ug/L	98
54) o-Xylene	10.640	106	130080	56.040	ug/L	99
55) Styrene	10.653	104	219691	56.801	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	128685	58.657	ug/L	99
59) Bromoform	10.799	173	68049	57.150	ug/L	99
60) Isopropylbenzene	10.964	105	336369	56.558	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	96882	57.436	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	254018	56.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	272743	56.274	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	165978	55.648	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	166839	55.298	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	171443	55.838	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	25128	58.194	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	116153	53.597	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	103155	52.333	ug/L	99
71) Naphthalene	13.774	128	343313	56.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	112117	53.828	ug/L	99

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

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