

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042724.D
 Acq On : 30 Jul 2024 04:12
 Operator : JC/MD
 Sample : P3388-12MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20S6MS

Quant Time: Jul 30 05:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159691	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59290	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24060	24.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.600%#
7) Chloroethane-d5	1.648	69	13626	34.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.160%#
11) 1,1-Dichloroethene-d2	2.300	65	13519	28.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.560%#
21) 2-Butanone-d5	4.465	46	72463	100.775	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.780%
24) Chloroform-d	5.056	84	87440	41.176	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.360%
26) 1,2-Dichloroethane-d4	5.958	65	58616	42.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.580%
32) Benzene-d6	5.971	84	150246	38.469	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.940%
36) 1,2-Dichloropropane-d6	7.306	67	50044	43.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	8.647	98	128980	36.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.660%#
43) trans-1,3-Dichloroprop...	8.952	79	19975	36.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.860%
47) 2-Hexanone-d5	9.385	63	51745	100.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.130%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	78924	47.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	43812	39.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51236	36.316	ug/L	100
3) Chloromethane	1.301	50	49809	42.693	ug/L	99
5) Vinyl chloride	1.374	62	45942	41.425	ug/L	97
6) Bromomethane	1.599	94	14758	42.531	ug/L	100
8) Chloroethane	1.666	64	19603	48.277	ug/L	97
9) Trichlorofluoromethane	1.874	101	59932	38.178	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	40126	35.571	ug/L	97
12) 1,1-Dichloroethene	2.313	96	44170	42.785	ug/L	90
13) Acetone	2.392	43	50578	89.985	ug/L	97
14) Carbon disulfide	2.502	76	95431	37.859	ug/L	100
15) Methyl Acetate	2.709	43	56331	45.213	ug/L	100
16) Methylene chloride	2.788	84	54253	45.505	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	48304	45.593	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	172825	47.063	ug/L	100
19) 1,1-Dichloroethane	3.605	63	91135	45.054	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	108107	89.337	ug/L	96
22) 2-Butanone	4.568	43	76711	89.611	ug/L	94
23) Bromochloromethane	4.910	128	27522	48.029	ug/L	90
25) Chloroform	5.093	83	100502	46.597	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	84118	49.106	ug/L	100
29) Cyclohexane	5.464	56	60164	36.164	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	81755	45.482	ug/L	99
31) Carbon tetrachloride	5.672	117	66846	44.027	ug/L	99
33) Benzene	6.038	78	205853	47.799	ug/L	100
34) Trichloroethene	7.123	95	606538	527.157	ug/L	97
35) Methylcyclohexane	7.379	83	58663	33.686	ug/L	97
37) 1,2-Dichloropropane	7.428	63	52250	46.683	ug/L	98
38) Bromodichloromethane	7.824	83	68999	47.697	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	71633	41.695	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	146605	95.203	ug/L	97
42) Toluene	8.720	91	207976	46.887	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	67472	43.325	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	55503	49.098	ug/L	97
46) Tetrachloroethene	9.275	164	32855	41.871	ug/L	96
48) 2-Hexanone	9.433	43	113928	95.127	ug/L	99
49) Dibromochloromethane	9.519	129	50986	48.300	ug/L	95
50) 1,2-Dibromoethane	9.610	107	57775	49.140	ug/L #	99
51) Chlorobenzene	10.080	112	128551	44.816	ug/L	99
52) Ethylbenzene	10.195	91	214235	44.035	ug/L	100
53) m,p-Xylene	10.299	106	83112	45.347	ug/L	94
54) o-Xylene	10.640	106	82552	45.279	ug/L	99
55) Styrene	10.653	104	137212	45.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	85490	47.290	ug/L	98
59) Bromoform	10.799	173	31945	48.011	ug/L	95
60) Isopropylbenzene	10.964	105	205560	45.884	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	67708	49.362	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	164964	44.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	164534	44.723	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	80915	41.996	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	82434	42.478	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	87533	45.116	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	17154	46.943	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	43680	36.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	38884	37.103	ug/L	98
71) Naphthalene	13.774	128	177215	43.836	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	43013	39.622	ug/L	99

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

