

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039473.D
 Acq On : 26 Dec 2023 17:21
 Operator : JC/MD
 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Quant Time: Dec 27 04:40:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102000	49.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	73414	50.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	8.647	98	275304	51.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.079	95	102888	46.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30065	18.968	ug/l	99
3) Chloromethane	1.294	50	35807	20.378	ug/l	100
4) Vinyl Chloride	1.374	62	32597	19.946	ug/l	99
5) Bromomethane	1.599	94	16598	17.654	ug/l	96
6) Chloroethane	1.679	64	20737	21.057	ug/l	96
7) Trichlorofluoromethane	1.886	101	47391	19.804	ug/l	96
8) Diethyl Ether	2.130	74	17444	21.062	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29049	19.893	ug/l	98
10) Methyl Iodide	2.453	142	27670	18.332	ug/l	94
11) Tert butyl alcohol	2.971	59	56612	109.100	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	27900	19.234	ug/l	95
13) Acrolein	2.233	56	34226	82.679	ug/l	96
14) Allyl chloride	2.660	41	56162	19.113	ug/l	96
15) Acrylonitrile	3.062	53	110461	106.351	ug/l	99
16) Acetone	2.380	43	112015	76.975	ug/l	90
17) Carbon Disulfide	2.508	76	69730	16.427	ug/l	100
18) Methyl Acetate	2.703	43	97024	21.708	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	102540	19.546	ug/l	99
20) Methylene Chloride	2.788	84	34742	20.169	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	29489	18.683	ug/l	100
22) Diisopropyl ether	3.757	45	109603	20.491	ug/l	99
23) Vinyl Acetate	3.721	43	399091	100.221	ug/l	98
24) 1,1-Dichloroethane	3.611	63	59093	19.544	ug/l	98
25) 2-Butanone	4.556	43	166832	93.561	ug/l	100
26) 2,2-Dichloropropane	4.471	77	45704	17.314	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	33913	19.466	ug/l	98
28) Bromochloromethane	4.897	49	31912	21.630	ug/l	94
29) Tetrahydrofuran	5.001	42	108657	110.342	ug/l	98
30) Chloroform	5.093	83	58653	19.411	ug/l	99
31) Cyclohexane	5.471	56	51970	19.472	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	49115	18.724	ug/l	98
36) 1,1-Dichloropropene	5.696	75	42873	18.787	ug/l	99
37) Ethyl Acetate	4.715	43	60069	21.306	ug/l	99
38) Carbon Tetrachloride	5.678	117	38369	17.618	ug/l	91
39) Methylcyclohexane	7.379	83	51073	18.632	ug/l	96
40) Benzene	6.038	78	125466	19.436	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30908	20.547	ug/l	97
42) 1,2-Dichloroethane	6.086	62	50139	19.188	ug/l	99
43) Isopropyl Acetate	6.336	43	89162	19.448	ug/l	99
44) Trichloroethene	7.123	130	29526	18.125	ug/l	95
45) 1,2-Dichloropropane	7.428	63	34584	19.962	ug/l	98
46) Dibromomethane	7.586	93	23174	19.028	ug/l	95
47) Bromodichloromethane	7.824	83	43009	18.470	ug/l	95
48) Methyl methacrylate	7.690	41	53311	19.890	ug/l	97
49) 1,4-Dioxane	7.659	88	19076	527.996	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	315820	108.116	ug/l	99
52) Toluene	8.720	92	76985	19.759	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	44041	17.179	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	50240	18.213	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31679	19.476	ug/l	91
56) Ethyl methacrylate	9.116	69	39704	19.995	ug/l	96
57) 1,3-Dichloropropane	9.305	76	56817	20.205	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	125231	107.404	ug/l	94
59) 2-Hexanone	9.427	43	258553	102.558	ug/l	99
60) Dibromochloromethane	9.519	129	29109	17.695	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34344	19.778	ug/l	99
64) Tetrachloroethene	9.275	164	23050	18.577	ug/l	97
65) Chlorobenzene	10.079	112	78666	18.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27302	18.649	ug/l	96
67) Ethyl Benzene	10.195	91	150757	19.541	ug/l	98
68) m/p-Xylenes	10.299	106	108911	39.373	ug/l	94
69) o-Xylene	10.640	106	53178	19.884	ug/l	94
70) Styrene	10.659	104	76729	19.625	ug/l	97
71) Bromoform	10.799	173	18449	16.954	ug/l #	99
73) Isopropylbenzene	10.963	105	141854	21.404	ug/l	99
74) N-amyl acetate	10.842	43	74074	22.090	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	57763	23.428	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47811m	21.513	ug/l	
77) Bromobenzene	11.195	156	30933	21.106	ug/l	93
78) n-propylbenzene	11.305	91	167891	20.560	ug/l	96
79) 2-Chlorotoluene	11.366	91	102704	20.793	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	121392	21.500	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14170	17.987	ug/l	98
82) 4-Chlorotoluene	11.451	91	114906	19.807	ug/l	98
83) tert-Butylbenzene	11.713	119	112524	20.941	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	123802	21.382	ug/l	99
85) sec-Butylbenzene	11.890	105	139247	20.365	ug/l	97
86) p-Isopropyltoluene	12.006	119	114997	20.040	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	56456	19.608	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	55205	18.414	ug/l	96
89) n-Butylbenzene	12.335	91	102820	18.227	ug/l	95
90) Hexachloroethane	12.536	117	19691	18.997	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	57138	20.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13037	20.075	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31555	17.492	ug/l	96
94) Hexachlorobutadiene	13.725	225	13350	19.637	ug/l	97
95) Naphthalene	13.774	128	125944	20.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32215	18.499	ug/l	99

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

