

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039705.D
 Acq On : 10 Jan 2024 15:23
 Operator : JC/MD
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:59:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81599	46.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.680%		
35) Dibromofluoromethane	5.385	113	60141	47.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	226712	47.417	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	88257	47.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26207	19.271	ug/l	95
3) Chloromethane	1.294	50	28571	18.396	ug/l	97
4) Vinyl Chloride	1.374	62	26679	18.202	ug/l	98
5) Bromomethane	1.605	94	17452	20.868	ug/l	94
6) Chloroethane	1.685	64	16529	19.837	ug/l	98
7) Trichlorofluoromethane	1.886	101	40269	19.046	ug/l	99
8) Diethyl Ether	2.130	74	14891	19.058	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	24833	18.945	ug/l	99
10) Methyl Iodide	2.453	142	24916	18.018	ug/l	93
11) Tert butyl alcohol	2.953	59	45088	98.375	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	24103	19.053	ug/l	94
13) Acrolein	2.233	56	28287	90.607	ug/l	100
14) Allyl chloride	2.660	41	47483	19.071	ug/l	98
15) Acrylonitrile	3.062	53	92376	97.572	ug/l	99
16) Acetone	2.373	43	96093	97.043	ug/l	91
17) Carbon Disulfide	2.514	76	67498	18.564	ug/l	100
18) Methyl Acetate	2.703	43	41730	20.143	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	86514	19.263	ug/l	99
20) Methylene Chloride	2.788	84	28075	18.744	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	25764	19.353	ug/l	95
22) Diisopropyl ether	3.757	45	91516	19.260	ug/l	96
23) Vinyl Acetate	3.721	43	440958	99.836	ug/l	99
24) 1,1-Dichloroethane	3.611	63	49383	18.892	ug/l	98
25) 2-Butanone	4.550	43	140011	98.391	ug/l	100
26) 2,2-Dichloropropane	4.471	77	39226	18.697	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	29592	19.380	ug/l	99
28) Bromochloromethane	4.891	49	23658	19.966	ug/l	93
29) Tetrahydrofuran	4.995	42	88881	97.041	ug/l	99
30) Chloroform	5.092	83	49236	19.080	ug/l	97
31) Cyclohexane	5.470	56	44941	19.340	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	41273	18.682	ug/l	99
36) 1,1-Dichloropropene	5.690	75	37543	19.026	ug/l	99
37) Ethyl Acetate	4.708	43	50745	19.277	ug/l	99
38) Carbon Tetrachloride	5.672	117	33018	18.269	ug/l	96
39) Methylcyclohexane	7.379	83	45588	19.239	ug/l	95
40) Benzene	6.031	78	106700	19.096	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25478	19.792	ug/l	95
42) 1,2-Dichloroethane	6.086	62	41858	19.705	ug/l	100
43) Isopropyl Acetate	6.336	43	77232	20.000	ug/l	99
44) Trichloroethene	7.123	130	26644	19.457	ug/l	98
45) 1,2-Dichloropropane	7.427	63	28939	19.307	ug/l	98
46) Dibromomethane	7.580	93	20494	19.796	ug/l	96
47) Bromodichloromethane	7.818	83	36998	19.296	ug/l	99
48) Methyl methacrylate	7.690	41	37079	19.534	ug/l	96
49) 1,4-Dioxane	7.653	88	15459	420.898	ug/l #	95
51) 4-Methyl-2-Pentanone	8.567	43	260012	97.764	ug/l	99
52) Toluene	8.714	92	65496	19.625	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	40198	19.757	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	43530	19.457	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	27583	19.412	ug/l	97
56) Ethyl methacrylate	9.116	69	45335	19.713	ug/l	97
57) 1,3-Dichloropropane	9.305	76	47981	19.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111810	102.860	ug/l	94
59) 2-Hexanone	9.427	43	211484	100.471	ug/l	99
60) Dibromochloromethane	9.518	129	25706	19.184	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29375	19.963	ug/l	99
64) Tetrachloroethene	9.269	164	21069	18.688	ug/l	95
65) Chlorobenzene	10.079	112	68188	18.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	23684	19.263	ug/l	99
67) Ethyl Benzene	10.189	91	128860	19.222	ug/l	97
68) m/p-Xylenes	10.299	106	94795	38.449	ug/l	96
69) o-Xylene	10.640	106	46499	19.045	ug/l	98
70) Styrene	10.652	104	76265	19.122	ug/l	99
71) Bromoform	10.799	173	17022	18.437	ug/l #	98
73) Isopropylbenzene	10.963	105	123271	19.019	ug/l	100
74) N-amyl acetate	10.841	43	65308	19.331	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	47538	19.207	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40100m	19.000	ug/l	
77) Bromobenzene	11.195	156	27149	18.813	ug/l	95
78) n-propylbenzene	11.305	91	150998	19.248	ug/l	97
79) 2-Chlorotoluene	11.360	91	88526	18.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	105001	19.075	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12268	19.100	ug/l	98
82) 4-Chlorotoluene	11.451	91	103395	18.801	ug/l	98
83) tert-Butylbenzene	11.713	119	98465	18.736	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	105053	19.129	ug/l	98
85) sec-Butylbenzene	11.890	105	131370	19.256	ug/l	98
86) p-Isopropyltoluene	12.006	119	105464	19.342	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53097	19.194	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	53550	18.743	ug/l	98
89) n-Butylbenzene	12.329	91	100225	19.032	ug/l	96
90) Hexachloroethane	12.536	117	16761	18.222	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	51589	18.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10979	18.103	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	32240	19.291	ug/l	97
94) Hexachlorobutadiene	13.725	225	13422	19.319	ug/l	98
95) Naphthalene	13.774	128	117162	19.043	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31605	18.737	ug/l	98

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

