

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034800.D
 Acq On : 28 Mar 2023 17:59
 Operator : JC/MD
 Sample : VX0328WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD02

Quant Time: Mar 29 04:04:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250112	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	428052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	211279	58.066	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.140%			
35) Dibromofluoromethane	5.385	113	153508	54.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.640%			
50) Toluene-d8	8.647	98	532815	50.502	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	212169	49.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	50222	21.539	ug/l	99
3) Chloromethane	1.295	50	61688	16.588	ug/l	99
4) Vinyl Chloride	1.374	62	61370	19.330	ug/l	97
5) Bromomethane	1.612	94	40308	25.163	ug/l	94
6) Chloroethane	1.691	64	39853	21.801	ug/l	96
7) Trichlorofluoromethane	1.886	101	97845	20.510	ug/l	99
8) Diethyl Ether	2.130	74	38288	21.986	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	54772	19.701	ug/l	99
10) Methyl Iodide	2.453	142	68296	18.711	ug/l	97
11) Tert butyl alcohol	2.965	59	68388	90.255	ug/l	97
12) 1,1-Dichloroethene	2.319	96	52480	19.167	ug/l	93
13) Acrolein	2.233	56	61379	102.396	ug/l	98
14) Allyl chloride	2.666	41	106619	19.207	ug/l	97
15) Acrylonitrile	3.063	53	185758	113.488	ug/l	98
16) Acetone	2.380	43	165083	96.316	ug/l	96
17) Carbon Disulfide	2.514	76	111508	14.471	ug/l	99
18) Methyl Acetate	2.703	43	137090	24.479	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	224255	22.875	ug/l	98
20) Methylene Chloride	2.788	84	68130	20.481	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	58324	20.058	ug/l	99
22) Diisopropyl ether	3.758	45	234596	22.166	ug/l	99
23) Vinyl Acetate	3.721	43	860852	106.874	ug/l	98
24) 1,1-Dichloroethane	3.611	63	118981	20.913	ug/l	98
25) 2-Butanone	4.556	43	264323	107.779	ug/l	99
26) 2,2-Dichloropropane	4.477	77	93821	18.972	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	72736	20.779	ug/l	99
28) Bromochloromethane	4.898	49	63435	23.980	ug/l	100
29) Tetrahydrofuran	5.001	42	170640	112.759	ug/l	99
30) Chloroform	5.093	83	119818	21.485	ug/l	97
31) Cyclohexane	5.471	56	97983	19.201	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	99317	20.117	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84576	19.484	ug/l	99
37) Ethyl Acetate	4.709	43	104066	21.944	ug/l	99
38) Carbon Tetrachloride	5.684	117	78686	18.221	ug/l	97
39) Methylcyclohexane	7.379	83	89351	17.200	ug/l	93
40) Benzene	6.038	78	256734	20.217	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56990	21.928	ug/l	98
42) 1,2-Dichloroethane	6.086	62	106828	22.890	ug/l	99
43) Isopropyl Acetate	6.342	43	174810	21.759	ug/l	100
44) Trichloroethene	7.129	130	64365	19.508	ug/l	99
45) 1,2-Dichloropropane	7.428	63	69725	21.029	ug/l	97
46) Dibromomethane	7.580	93	45987	20.401	ug/l	99
47) Bromodichloromethane	7.824	83	83282	19.090	ug/l	99
48) Methyl methacrylate	7.690	41	82987	21.478	ug/l	97
49) 1,4-Dioxane	7.678	88	27894	343.715	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	527186	113.119	ug/l	99
52) Toluene	8.720	92	164655	20.944	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92317	18.783	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101070	19.007	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67137	21.518	ug/l	97
56) Ethyl methacrylate	9.116	69	109210	21.318	ug/l	98
57) 1,3-Dichloropropane	9.305	76	118212	21.318	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	270322	102.391	ug/l	99
59) 2-Hexanone	9.427	43	393185	109.139	ug/l	98
60) Dibromochloromethane	9.519	129	57885	17.689	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69573	20.664	ug/l	100
64) Tetrachloroethene	9.275	164	54770	21.483	ug/l	97
65) Chlorobenzene	10.080	112	171402	20.583	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58469	19.278	ug/l	99
67) Ethyl Benzene	10.195	91	306955	20.590	ug/l	97
68) m/p-Xylenes	10.299	106	232192	40.545	ug/l	98
69) o-Xylene	10.640	106	115898	20.167	ug/l	98
70) Styrene	10.653	104	188530	20.333	ug/l	99
71) Bromoform	10.799	173	36649	15.698	ug/l	99
73) Isopropylbenzene	10.964	105	291953	20.428	ug/l	99
74) N-amyl acetate	10.842	43	145458	21.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	104220	21.853	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	87481m	20.604	ug/l	
77) Bromobenzene	11.195	156	71401	20.823	ug/l	99
78) n-propylbenzene	11.305	91	337185	20.429	ug/l	98
79) 2-Chlorotoluene	11.366	91	210296	20.630	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241496	20.146	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23782	15.153	ug/l #	81
82) 4-Chlorotoluene	11.457	91	245044	20.870	ug/l	99
83) tert-Butylbenzene	11.713	119	229287	18.971	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249202	20.341	ug/l	98
85) sec-Butylbenzene	11.890	105	274186	18.556	ug/l	99
86) p-Isopropyltoluene	12.012	119	232487	18.721	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133279	19.838	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	132646	19.526	ug/l	99
89) n-Butylbenzene	12.329	91	204510	18.525	ug/l	98
90) Hexachloroethane	12.536	117	33225	14.459	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	130441	20.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21037	19.415	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	76321	18.797	ug/l	98
94) Hexachlorobutadiene	13.725	225	29864	18.257	ug/l	98
95) Naphthalene	13.774	128	300188	22.048	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79015	19.909	ug/l	98

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

