

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036624.D
 Acq On : 24 Jul 2023 12:09
 Operator : JC/MD
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 06:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133570	50.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.400%			
35) Dibromofluoromethane	5.379	113	107495	50.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.647	98	384276	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	151982	53.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42208	17.768	ug/l	98
3) Chloromethane	1.295	50	37707	17.452	ug/l	96
4) Vinyl Chloride	1.374	62	39567	17.987	ug/l	98
5) Bromomethane	1.612	94	24514	18.666	ug/l	100
6) Chloroethane	1.685	64	22133	20.695	ug/l	99
7) Trichlorofluoromethane	1.886	101	64213	18.902	ug/l	99
8) Diethyl Ether	2.136	74	24777	18.852	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	39344	19.277	ug/l	99
10) Methyl Iodide	2.453	142	41371	19.516	ug/l	92
11) Tert butyl alcohol	2.983	59	62251	98.825	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	37478	18.613	ug/l	89
13) Acrolein	2.239	56	34380	95.636	ug/l	98
14) Allyl chloride	2.666	41	72086	18.181	ug/l	93
15) Acrylonitrile	3.062	53	128050	101.084	ug/l	99
16) Acetone	2.386	43	107460	97.328	ug/l	93
17) Carbon Disulfide	2.514	76	99835	17.965	ug/l	98
18) Methyl Acetate	2.703	43	92975	20.017	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	150855	19.937	ug/l	98
20) Methylene Chloride	2.788	84	45446	18.508	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	41134	18.278	ug/l	93
22) Diisopropyl ether	3.757	45	145302	19.301	ug/l	94
23) Vinyl Acetate	3.721	43	574346	99.457	ug/l	96
24) 1,1-Dichloroethane	3.611	63	80004	18.954	ug/l	97
25) 2-Butanone	4.556	43	181638	101.398	ug/l	95
26) 2,2-Dichloropropane	4.471	77	72628	18.261	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	49716	18.600	ug/l	95
28) Bromochloromethane	4.891	49	45091	22.089	ug/l	92
29) Tetrahydrofuran	5.007	42	117467	101.711	ug/l	94
30) Chloroform	5.093	83	83700	19.383	ug/l	95
31) Cyclohexane	5.471	56	68055	18.473	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	75377	19.050	ug/l	97
36) 1,1-Dichloropropene	5.690	75	58232	18.328	ug/l	97
37) Ethyl Acetate	4.709	43	71339	19.838	ug/l	97
38) Carbon Tetrachloride	5.678	117	64380	19.060	ug/l	95
39) Methylcyclohexane	7.379	83	73891	18.703	ug/l	95
40) Benzene	6.038	78	175508	18.986	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39324	20.445	ug/l	93
42) 1,2-Dichloroethane	6.086	62	65774	19.461	ug/l	95
43) Isopropyl Acetate	6.342	43	121056	19.556	ug/l	96
44) Trichloroethene	7.123	130	46525	19.255	ug/l	97
45) 1,2-Dichloropropane	7.428	63	47329	19.177	ug/l	97
46) Dibromomethane	7.580	93	34580	20.020	ug/l	97
47) Bromodichloromethane	7.818	83	68965	19.451	ug/l	99
48) Methyl methacrylate	7.690	41	57487	19.969	ug/l	93
49) 1,4-Dioxane	7.690	88	24310	418.006	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	359463	104.933	ug/l	97
52) Toluene	8.720	92	110050	19.000	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	78454	19.577	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	81349	19.238	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	47820	19.640	ug/l	94
56) Ethyl methacrylate	9.116	69	80180	20.223	ug/l	94
57) 1,3-Dichloropropane	9.305	76	81046	19.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	199152	101.945	ug/l	99
59) 2-Hexanone	9.427	43	272849	107.319	ug/l	95
60) Dibromochloromethane	9.519	129	53767	20.092	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51031	20.223	ug/l	100
64) Tetrachloroethene	9.275	164	40892	19.168	ug/l	97
65) Chlorobenzene	10.079	112	119895	19.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47212	19.374	ug/l	97
67) Ethyl Benzene	10.195	91	217611	18.894	ug/l	100
68) m/p-Xylenes	10.299	106	167799	39.048	ug/l	99
69) o-Xylene	10.640	106	82713	19.283	ug/l	100
70) Styrene	10.653	104	136814	19.332	ug/l	98
71) Bromoform	10.799	173	39442	19.995	ug/l #	98
73) Isopropylbenzene	10.963	105	215157	18.513	ug/l	99
74) N-amyl acetate	10.842	43	104373	19.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	75727	19.291	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64663m	19.576	ug/l	
77) Bromobenzene	11.195	156	50117	18.935	ug/l	98
78) n-propylbenzene	11.305	91	253515	18.861	ug/l	100
79) 2-Chlorotoluene	11.366	91	151351	18.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	183904	18.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27729	19.027	ug/l	86
82) 4-Chlorotoluene	11.451	91	173612	18.708	ug/l	99
83) tert-Butylbenzene	11.713	119	180796	18.928	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	184013	18.924	ug/l	97
85) sec-Butylbenzene	11.890	105	225302	18.914	ug/l	100
86) p-Isopropyltoluene	12.006	119	190027	19.387	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95412	19.463	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	94793	19.485	ug/l	99
89) n-Butylbenzene	12.329	91	169758	19.347	ug/l	99
90) Hexachloroethane	12.536	117	37848	19.047	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	93489	19.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17134	18.784	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	55980	19.207	ug/l	97
94) Hexachlorobutadiene	13.725	225	22806	18.914	ug/l	97
95) Naphthalene	13.774	128	196078	19.306	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54693	19.040	ug/l	98

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

