

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036608.D
 Acq On : 21 Jul 2023 13:32
 Operator : JC/MD
 Sample : VX0721WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

Quant Time: Jul 21 23:04:29 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	204031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140820	46.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.385	113	112100	46.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	419560	49.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	155366	48.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	228	0.085	ug/l #	41
3) Chloromethane	1.288	50	459	0.187	ug/l #	72
4) Vinyl Chloride	1.374	62	143	0.057	ug/l #	1
7) Trichlorofluoromethane	1.892	101	86	0.022	ug/l #	48
8) Diethyl Ether	2.142	74	58	0.039	ug/l #	1
10) Methyl Iodide	2.459	142	316	0.131	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	351	0.154	ug/l #	30
14) Allyl chloride	2.660	41	439	0.098	ug/l #	58
18) Methyl Acetate	2.703	43	384	0.073	ug/l #	69
19) Methyl tert-butyl Ether	3.136	73	23	0.003	ug/l #	54
22) Diisopropyl ether	3.782	45	194	0.023	ug/l #	21
23) Vinyl Acetate	3.721	43	370	0.056	ug/l #	73
26) 2,2-Dichloropropane	4.202	77	120	0.027	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	195	0.064	ug/l	60
29) Tetrahydrofuran	5.013	42	97	0.074	ug/l #	1
30) Chloroform	5.099	83	486	0.099	ug/l	85
31) Cyclohexane	5.464	56	201	0.048	ug/l #	32
32) 1,1,1-Trichloroethane	5.361	97	97	0.022	ug/l #	23
37) Ethyl Acetate	4.696	43	215	0.053	ug/l #	48
39) Methylcyclohexane	7.373	83	278	0.062	ug/l #	56
40) Benzene	6.044	78	281	0.027	ug/l #	11
41) Methacrylonitrile	4.922	41	145	0.067	ug/l #	28
42) 1,2-Dichloroethane	6.092	62	452	0.118	ug/l	95
43) Isopropyl Acetate	6.354	43	196	0.028	ug/l #	62
44) Trichloroethene	7.141	130	184	0.067	ug/l	69
46) Dibromomethane	7.580	93	117	0.060	ug/l #	17
47) Bromodichloromethane	7.824	83	167	0.042	ug/l #	26
48) Methyl methacrylate	7.671	41	153	0.047	ug/l #	69
51) 4-Methyl-2-Pentanone	8.574	43	618	0.160	ug/l	95
52) Toluene	8.720	92	289	0.044	ug/l #	19
53) t-1,3-Dichloropropene	8.988	75	372	0.082	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	202	0.042	ug/l #	50
55) 1,1,2-Trichloroethane	9.159	97	57	0.021	ug/l #	54
56) Ethyl methacrylate	9.116	69	145	0.032	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	69	0.015	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.263	63	244	0.111	ug/l #	64

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59) 2-Hexanone	9.439	43	135	0.047	ug/l #	1	
60) Dibromochloromethane	9.519	129	88	0.029	ug/l #	35	
61) 1,2-Dibromoethane	9.616	107	160	0.056	ug/l #	70	
64) Tetrachloroethene	9.269	164	165	0.071	ug/l #	79	
65) Chlorobenzene	10.079	112	509	0.074	ug/l	95	
67) Ethyl Benzene	10.195	91	687	0.055	ug/l	95	
68) m/p-Xylenes	10.305	106	566	0.121	ug/l #	72	
69) o-Xylene	10.646	106	218	0.047	ug/l	82	
70) Styrene	10.665	104	500	0.065	ug/l	92	
71) Bromoform	10.799	173	47	0.022	ug/l #	29	
73) Isopropylbenzene	10.970	105	605	0.052	ug/l	83	
74) N-amyl acetate	10.854	43	120	0.022	ug/l #	25	
77) Bromobenzene	11.201	156	200	0.076	ug/l #	40	
78) n-propylbenzene	11.305	91	1103	0.083	ug/l	86	
79) 2-Chlorotoluene	11.366	91	716	0.088	ug/l	81	
80) 1,3,5-Trimethylbenzene	11.451	105	545	0.056	ug/l	88	
82) 4-Chlorotoluene	11.457	91	1231	0.133	ug/l	94	
83) tert-Butylbenzene	11.719	119	451	0.048	ug/l #	54	
84) 1,2,4-Trimethylbenzene	11.756	105	705	0.073	ug/l	94	
85) sec-Butylbenzene	11.890	105	917	0.077	ug/l	95	
86) p-Isopropyltoluene	12.012	119	781	0.080	ug/l #	1	
87) 1,3-Dichlorobenzene	11.969	146	648	0.133	ug/l	94	
88) 1,4-Dichlorobenzene	11.969	146	648	0.134	ug/l	93	
89) n-Butylbenzene	12.335	91	1466	0.168	ug/l	84	
91) 1,2-Dichlorobenzene	12.335	146	481	0.102	ug/l	95	
94) Hexachlorobutadiene	13.725	225	225	0.188	ug/l	88	

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

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