

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038896.D
 Acq On : 18 Nov 2023 00:02
 Operator : JC/MD
 Sample : VX1117WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBS02

Quant Time: Nov 18 01:36:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	136274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107626	49.013	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.020%		
35) Dibromofluoromethane	5.385	113	86933	46.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.760%		
50) Toluene-d8	8.646	98	324026	45.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.340%#		
62) 4-Bromofluorobenzene	11.079	95	125913	44.330	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32377	20.362	ug/l	98
3) Chloromethane	1.300	50	35574	17.141	ug/l	100
4) Vinyl Chloride	1.373	62	38202	19.109	ug/l	98
5) Bromomethane	1.605	94	25057	30.315	ug/l	99
6) Chloroethane	1.684	64	22234	19.489	ug/l	97
7) Trichlorofluoromethane	1.885	101	51067	20.130	ug/l	99
8) Diethyl Ether	2.135	74	21569	19.521	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	30102	17.893	ug/l	98
10) Methyl Iodide	2.452	142	37584	18.355	ug/l	92
11) Tert butyl alcohol	2.958	59	68854	112.740	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	31124	18.325	ug/l	90
13) Acrolein	2.233	56	33000	102.130	ug/l	98
14) Allyl chloride	2.666	41	61608	18.117	ug/l	93
15) Acrylonitrile	3.062	53	129160	100.087	ug/l	98
16) Acetone	2.379	43	108150	92.520	ug/l	90
17) Carbon Disulfide	2.507	76	86662	16.472	ug/l	100
18) Methyl Acetate	2.702	43	116787	21.034	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	117210	19.620	ug/l	100
20) Methylene Chloride	2.788	84	38821	18.423	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	33557	17.906	ug/l	91
22) Diisopropyl ether	3.763	45	121074	19.408	ug/l	87
23) Vinyl Acetate	3.720	43	418105	93.057	ug/l	100
24) 1,1-Dichloroethane	3.611	63	65556	18.791	ug/l	98
25) 2-Butanone	4.556	43	186016	98.131	ug/l	95
26) 2,2-Dichloropropane	4.476	77	47884	15.824	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	41064	18.798	ug/l	92
28) Bromochloromethane	4.897	49	33737	20.142	ug/l	97
29) Tetrahydrofuran	5.001	42	122135	101.476	ug/l	96
30) Chloroform	5.092	83	65611	19.260	ug/l	97
31) Cyclohexane	5.476	56	57434	18.320	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57319	19.426	ug/l	99
36) 1,1-Dichloropropene	5.696	75	47932	18.033	ug/l	98
37) Ethyl Acetate	4.720	43	66221	19.123	ug/l	98
38) Carbon Tetrachloride	5.677	117	46596	18.968	ug/l	97
39) Methylcyclohexane	7.378	83	57909	16.703	ug/l	98
40) Benzene	6.037	78	144305	18.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	35679	19.865	ug/l	93
42) 1,2-Dichloroethane	6.086	62	52113	20.008	ug/l	96
43) Isopropyl Acetate	6.342	43	104799	18.937	ug/l	98
44) Trichloroethene	7.128	130	35234	18.413	ug/l	99
45) 1,2-Dichloropropane	7.433	63	39828	18.826	ug/l	99
46) Dibromomethane	7.580	93	27685	19.623	ug/l	96
47) Bromodichloromethane	7.823	83	52990	18.924	ug/l	97
48) Methyl methacrylate	7.689	41	50202	18.696	ug/l	95
49) 1,4-Dioxane	7.659	88	23248	447.526	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	351155	99.289	ug/l	99
52) Toluene	8.720	92	90275	18.505	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	60201	18.091	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	62907	18.302	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	38039	18.687	ug/l	91
56) Ethyl methacrylate	9.116	69	63530	18.446	ug/l	96
57) 1,3-Dichloropropane	9.311	76	64364	19.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	160629	100.118	ug/l	96
59) 2-Hexanone	9.427	43	279960	98.760	ug/l	97
60) Dibromochloromethane	9.518	129	38410	18.558	ug/l	97
61) 1,2-Dibromoethane	9.610	107	40527	18.973	ug/l	99
64) Tetrachloroethene	9.274	164	28574	19.198	ug/l	97
65) Chlorobenzene	10.079	112	94862	18.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	34736	18.721	ug/l	97
67) Ethyl Benzene	10.195	91	174761	18.441	ug/l	100
68) m/p-Xylenes	10.299	106	132503	36.962	ug/l	99
69) o-Xylene	10.640	106	66191	18.660	ug/l	99
70) Styrene	10.652	104	109321	18.249	ug/l	98
71) Bromoform	10.798	173	29149	18.845	ug/l #	99
73) Isopropylbenzene	10.963	105	168565	18.627	ug/l	99
74) N-amyl acetate	10.841	43	86822	18.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	64836	18.354	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	53899m	18.600	ug/l	
77) Bromobenzene	11.201	156	37913	18.645	ug/l	97
78) n-propylbenzene	11.305	91	203328	18.254	ug/l	99
79) 2-Chlorotoluene	11.365	91	121225	18.338	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	145549	19.129	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21541	16.488	ug/l	84
82) 4-Chlorotoluene	11.457	91	141750	18.597	ug/l	99
83) tert-Butylbenzene	11.713	119	139827	18.659	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	141767	18.408	ug/l	99
85) sec-Butylbenzene	11.890	105	181772	18.544	ug/l	97
86) p-Isopropyltoluene	12.012	119	143863	18.283	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	73847	18.546	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	74531	18.288	ug/l	98
89) n-Butylbenzene	12.335	91	139027	17.512	ug/l	97
90) Hexachloroethane	12.536	117	28145	17.911	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	71281	18.874	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	16698	19.293	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	45507	17.981	ug/l	96
94) Hexachlorobutadiene	13.725	225	14981	16.716	ug/l	98
95) Naphthalene	13.774	128	174056	18.466	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45145	18.818	ug/l	99

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

