

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032202.D
 Acq On : 19 Oct 2022 12:55
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 19 13:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 12:42:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169608	89.836	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 179.680%#			
35) Dibromofluoromethane	5.385	113	140854	101.336	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.680%#			
50) Toluene-d8	8.653	98	505013	99.734	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.460%#			
62) 4-Bromofluorobenzene	11.079	95	193073	97.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.960%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	120993	95.067	ug/l	100
3) Chloromethane	1.294	50	118246	88.970	ug/l	99
4) Vinyl Chloride	1.374	62	127152	96.131	ug/l	97
5) Bromomethane	1.611	94	133579	169.640	ug/l	98
6) Chloroethane	1.685	64	101669	116.369	ug/l	97
7) Trichlorofluoromethane	1.886	101	229227	103.313	ug/l	97
8) Diethyl Ether	2.136	74	80924	105.404	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	122308	93.833	ug/l	96
10) Methyl Iodide	2.453	142	187203	103.811	ug/l	94
11) Tert butyl alcohol	2.971	59	116226m	259.471	ug/l	
12) 1,1-Dichloroethene	2.319	96	116739	95.628	ug/l	99
13) Acrolein	2.233	56	104061	836.283	ug/l	100
14) Allyl chloride	2.666	41	193873	87.386	ug/l	91
15) Acrylonitrile	3.062	53	318528	412.489	ug/l	97
16) Acetone	2.380	43	263918	327.842	ug/l	92
17) Carbon Disulfide	2.514	76	286777	93.739	ug/l	99
18) Methyl Acetate	2.703	43	188949	74.866	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	416871	92.918	ug/l	100
20) Methylene Chloride	2.788	84	134034	86.705	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	129087	96.588	ug/l	98
22) Diisopropyl ether	3.764	45	420684	96.543	ug/l	96
23) Vinyl Acetate	3.721	43	1732061	489.550	ug/l	96
24) 1,1-Dichloroethane	3.611	63	234345	91.651	ug/l	99
25) 2-Butanone	4.556	43	429593	362.314	ug/l	94
26) 2,2-Dichloropropane	4.477	77	182862	81.652	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	153721	99.595	ug/l	99
28) Bromochloromethane	4.897	49	93176	89.436	ug/l	100
29) Tetrahydrofuran	5.007	42	282886	381.178	ug/l	94
30) Chloroform	5.099	83	260171	95.684	ug/l	100
31) Cyclohexane	5.477	56	197571	89.465	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	230436	94.692	ug/l	100
36) 1,1-Dichloropropene	5.696	75	182409	95.725	ug/l	98
37) Ethyl Acetate	4.715	43	180490	81.288	ug/l	95
38) Carbon Tetrachloride	5.678	117	203866	95.053	ug/l	99
39) Methylcyclohexane	7.379	83	227303	99.911	ug/l	99
40) Benzene	6.037	78	531067	97.170	ug/l	99

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41) Methacrylonitrile	4.922	41	100130	84.563	ug/l	94
42) 1,2-Dichloroethane	6.086	62	210612	92.414	ug/l	96
43) Isopropyl Acetate	6.342	43	303985	86.006	ug/l	93
44) Trichloroethene	7.129	130	146453	95.372	ug/l	99
45) 1,2-Dichloropropane	7.434	63	137541	95.350	ug/l	97
46) Dibromomethane	7.580	93	104957	99.402	ug/l	97
47) Bromodichloromethane	7.824	83	201151	102.452	ug/l	99
48) Methyl methacrylate	7.696	41	151966	86.171	ug/l	88
49) 1,4-Dioxane	7.690	88	52940	1433.669	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	916717	407.019	ug/l	92
52) Toluene	8.720	92	347472	97.004	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	215452	96.765	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	229345	99.536	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	144741	94.879	ug/l	98
56) Ethyl methacrylate	9.116	69	220376	96.341	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	233582	94.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	478508	433.433	ug/l	99
59) 2-Hexanone	9.433	43	679142	386.983	ug/l	90
60) Dibromochloromethane	9.525	129	161643	104.966	ug/l	100
61) 1,2-Dibromoethane	9.610	107	157781	97.065	ug/l	99
64) Tetrachloroethene	9.275	164	121623	83.106	ug/l	94
65) Chlorobenzene	10.079	112	379714	97.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	147124	102.141	ug/l	99
67) Ethyl Benzene	10.195	91	687877	101.177	ug/l	98
68) m/p-Xylenes	10.305	106	542743	208.517	ug/l	100
69) o-Xylene	10.640	106	265843	102.317	ug/l	99
70) Styrene	10.659	104	458478	108.774	ug/l	98
71) Bromoform	10.799	173	119287	109.989	ug/l	99
73) Isopropylbenzene	10.963	105	716538	92.550	ug/l	100
74) N-amyl acetate	10.842	43	287682	88.268	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	225068	89.858	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	195332m	81.708	ug/l	
77) Bromobenzene	11.201	156	174833	89.852	ug/l	94
78) n-propylbenzene	11.305	91	838837	95.908	ug/l	100
79) 2-Chlorotoluene	11.366	91	486508	89.551	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	646652	99.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	67610	83.176	ug/l	91
82) 4-Chlorotoluene	11.457	91	607370	98.260	ug/l	99
83) tert-Butylbenzene	11.719	119	629471	99.935	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	612867	95.467	ug/l	98
85) sec-Butylbenzene	11.890	105	767378	97.237	ug/l	100
86) p-Isopropyltoluene	12.012	119	674762	101.859	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	332105	95.287	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	345143	97.016	ug/l	99
89) n-Butylbenzene	12.335	91	615326	107.353	ug/l	97
90) Hexachloroethane	12.542	117	107850	101.050	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	341452	99.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48771	84.873	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	215998	107.196	ug/l	99
94) Hexachlorobutadiene	13.725	225	89770	89.216	ug/l	98
95) Naphthalene	13.774	128	713955	110.185	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	219698	108.171	ug/l	99

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

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