

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038038.D
 Acq On : 03 Oct 2023 14:53
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

Quant Time: Oct 04 05:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	143384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13036	5.649	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.300%#		
35) Dibromofluoromethane	5.385	113	9536	5.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.100%#		
50) Toluene-d8	8.647	98	35453	5.359	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.720%#		
62) 4-Bromofluorobenzene	11.079	95	13350	5.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5846	3.965	ug/l	100
3) Chloromethane	1.294	50	10347	5.585	ug/l	96
4) Vinyl Chloride	1.374	62	8803	5.242	ug/l	96
5) Bromomethane	1.599	94	16460	7.157	ug/l	98
6) Chloroethane	1.678	64	7817	6.053	ug/l	99
7) Trichlorofluoromethane	1.886	101	15752	4.735	ug/l	99
8) Diethyl Ether	2.130	74	5940	4.876	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	7352	5.031	ug/l	98
10) Methyl Iodide	2.447	142	6643	3.981	ug/l	95
11) Tert butyl alcohol	2.959	59	14896	28.191	ug/l	98
12) 1,1-Dichloroethene	2.319	96	7030	5.101	ug/l	90
13) Acrolein	2.233	56	7815	26.129	ug/l	99
14) Allyl chloride	2.660	41	12232	4.983	ug/l	95
15) Acrylonitrile	3.062	53	25750	24.454	ug/l	98
16) Acetone	2.379	43	23609	24.325	ug/l #	87
17) Carbon Disulfide	2.507	76	20597	5.212	ug/l	97
18) Methyl Acetate	2.703	43	20732	4.880	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	25991	4.869	ug/l	97
20) Methylene Chloride	2.788	84	10087	4.923	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	8307	5.002	ug/l	95
22) Diisopropyl ether	3.757	45	24866	4.864	ug/l #	97
23) Vinyl Acetate	3.715	43	88703	24.031	ug/l	97
24) 1,1-Dichloroethane	3.605	63	14835	4.815	ug/l	98
25) 2-Butanone	4.556	43	37970	24.495	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	12109	4.970	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	9902	5.137	ug/l	90
28) Bromochloromethane	4.885	49	7233	5.006	ug/l #	95
29) Tetrahydrofuran	5.001	42	23773	23.594	ug/l	90
30) Chloroform	5.092	83	16450	4.871	ug/l	99
31) Cyclohexane	5.458	56	13451	5.144	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	13521	4.748	ug/l	99
36) 1,1-Dichloropropene	5.690	75	12585	5.137	ug/l	100
37) Ethyl Acetate	4.714	43	14210	5.121	ug/l #	96
38) Carbon Tetrachloride	5.672	117	11328	4.677	ug/l	98
39) Methylcyclohexane	7.379	83	14777	5.069	ug/l	93
40) Benzene	6.037	78	35326	5.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7063	5.030	ug/l	93
42) 1,2-Dichloroethane	6.086	62	12948	4.774	ug/l	99
43) Isopropyl Acetate	6.336	43	20841	4.813	ug/l	97
44) Trichloroethene	7.123	130	9340	5.000	ug/l	96
45) 1,2-Dichloropropane	7.427	63	8783	4.975	ug/l	99
46) Dibromomethane	7.580	93	6596	4.814	ug/l	95
47) Bromodichloromethane	7.818	83	11369	4.707	ug/l	99
48) Methyl methacrylate	7.696	41	10021	4.826	ug/l	88
49) 1,4-Dioxane	7.659	88	4761	103.718	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	74242	25.121	ug/l	100
52) Toluene	8.720	92	22137	4.903	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	12173	4.666	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	12509	4.570	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	9157	5.010	ug/l	94
56) Ethyl methacrylate	9.116	69	13007	4.626	ug/l	97
57) 1,3-Dichloropropane	9.305	76	15072	4.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	36057	26.523	ug/l	97
59) 2-Hexanone	9.427	43	59777	25.257	ug/l	99
60) Dibromochloromethane	9.518	129	7980	4.375	ug/l	99
61) 1,2-Dibromoethane	9.610	107	9725	4.867	ug/l	99
64) Tetrachloroethene	9.275	164	7635	4.972	ug/l	90
65) Chlorobenzene	10.079	112	24577	5.099	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	8101	4.903	ug/l	96
67) Ethyl Benzene	10.195	91	43522	5.002	ug/l	99
68) m/p-Xylenes	10.299	106	33390	9.970	ug/l	98
69) o-Xylene	10.640	106	16206	5.071	ug/l	97
70) Styrene	10.652	104	25523	4.810	ug/l	99
71) Bromoform	10.799	173	5470	4.223	ug/l #	96
73) Isopropylbenzene	10.963	105	41615	4.966	ug/l	99
74) N-amyl acetate	10.841	43	18663	4.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	15609	5.016	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14090m	5.178	ug/l	
77) Bromobenzene	11.195	156	10503	5.122	ug/l	94
78) n-propylbenzene	11.305	91	52295	5.091	ug/l	99
79) 2-Chlorotoluene	11.366	91	29297	4.908	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	36006	5.021	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	3686	4.047	ug/l	92
82) 4-Chlorotoluene	11.451	91	35479	4.928	ug/l	98
83) tert-Butylbenzene	11.713	119	33904	4.747	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	36230	5.021	ug/l	99
85) sec-Butylbenzene	11.890	105	45632	4.957	ug/l	99
86) p-Isopropyltoluene	12.006	119	37363	4.939	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	20834	5.071	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	21701	5.170	ug/l	94
89) n-Butylbenzene	12.329	91	37837	4.991	ug/l	96
90) Hexachloroethane	12.536	117	5599	4.400	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	20142	5.135	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3413	4.651	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	14102	5.193	ug/l	97
94) Hexachlorobutadiene	13.725	225	6057	5.226	ug/l	97
95) Naphthalene	13.774	128	44396	4.825	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13040	4.966	ug/l	94

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

