

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036284.D
 Acq On : 23 Jun 2023 10:51
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 23 12:57:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:55:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	450558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	19999	5.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.840%#		
35) Dibromofluoromethane	5.385	113	15586	5.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.500%#		
50) Toluene-d8	8.647	98	57225	5.157	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	11.079	95	20489	5.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12099	5.100	ug/l	100
3) Chloromethane	1.294	50	21250	5.050	ug/l	93
4) Vinyl Chloride	1.374	62	22892	5.106	ug/l	99
5) Bromomethane	1.618	94	15863	4.692	ug/l	90
6) Chloroethane	1.691	64	16045	4.918	ug/l	99
7) Trichlorofluoromethane	1.886	101	33156	4.865	ug/l	98
8) Diethyl Ether	2.136	74	12933	4.913	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	14496	4.953	ug/l	95
10) Methyl Iodide	2.453	142	15392	4.308	ug/l	92
11) Tert butyl alcohol	3.020	59	16939m	25.273	ug/l	
12) 1,1-Dichloroethene	2.319	96	14515	5.054	ug/l	81
13) Acrolein	2.239	56	24247	26.292	ug/l	97
14) Allyl chloride	2.666	41	22028	4.735	ug/l	97
15) Acrylonitrile	3.075	53	43105	25.306	ug/l	98
16) Acetone	2.404	43	39075	25.612	ug/l	95
17) Carbon Disulfide	2.514	76	29956	4.466	ug/l	98
18) Methyl Acetate	2.709	43	32853	4.976	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	45534	4.878	ug/l	97
20) Methylene Chloride	2.788	84	16324	4.912	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	15175	5.060	ug/l	91
22) Diisopropyl ether	3.757	45	47847	5.045	ug/l	92
23) Vinyl Acetate	3.721	43	160666	23.738	ug/l	99
24) 1,1-Dichloroethane	3.611	63	27904	4.974	ug/l	97
25) 2-Butanone	4.574	43	57720	25.581	ug/l	99
26) 2,2-Dichloropropane	4.477	77	17999	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	17062	4.949	ug/l	93
28) Bromochloromethane	4.897	49	14118	5.099	ug/l	88
29) Tetrahydrofuran	5.025	42	39334	27.144	ug/l	97
30) Chloroform	5.093	83	28696	5.127	ug/l	89
31) Cyclohexane	5.464	56	23466	4.964	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	22274	4.790	ug/l	99
36) 1,1-Dichloropropene	5.696	75	21620	5.084	ug/l	98
37) Ethyl Acetate	4.721	43	22749	5.029	ug/l	98
38) Carbon Tetrachloride	5.672	117	19001	4.738	ug/l	94
39) Methylcyclohexane	7.385	83	25683	4.982	ug/l	89
40) Benzene	6.037	78	62267	5.111	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12539	5.038	ug/l	93
42) 1,2-Dichloroethane	6.086	62	23750	5.098	ug/l	100
43) Isopropyl Acetate	6.342	43	35262	4.969	ug/l	98
44) Trichloroethene	7.123	130	16600	4.996	ug/l	89
45) 1,2-Dichloropropane	7.434	63	16804	5.005	ug/l	97
46) Dibromomethane	7.586	93	11696	5.051	ug/l	92
47) Bromodichloromethane	7.824	83	19666	4.684	ug/l	99
48) Methyl methacrylate	7.696	41	17234	4.860	ug/l	93
49) 1,4-Dioxane	7.744	88	8350m	105.728	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	119982	26.012	ug/l	100
52) Toluene	8.720	92	39165	5.017	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	18259	6.614	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	20867	5.709	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	16619	5.116	ug/l	92
56) Ethyl methacrylate	9.116	69	23668	4.880	ug/l	94
57) 1,3-Dichloropropane	9.311	76	28157	5.140	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	58849	21.831	ug/l	97
59) 2-Hexanone	9.433	43	85739	25.349	ug/l	97
60) Dibromochloromethane	9.519	129	13974	4.536	ug/l	97
61) 1,2-Dibromoethane	9.610	107	16495	4.917	ug/l	98
64) Tetrachloroethene	9.269	164	15211	5.338	ug/l #	84
65) Chlorobenzene	10.079	112	43306	5.114	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	13542	4.678	ug/l	95
67) Ethyl Benzene	10.195	91	75031	4.967	ug/l	98
68) m/p-Xylenes	10.299	106	57038	9.798	ug/l	100
69) o-Xylene	10.640	106	28520	5.016	ug/l	99
70) Styrene	10.653	104	45803	4.968	ug/l	95
71) Bromoform	10.799	173	9082	5.888	ug/l #	98
73) Isopropylbenzene	10.963	105	73818	5.084	ug/l	98
74) N-amyl acetate	10.841	43	27254	4.694	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	25130	5.112	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23256m	5.618	ug/l	
77) Bromobenzene	11.195	156	18601	5.262	ug/l	89
78) n-propylbenzene	11.305	91	84507	5.015	ug/l	99
79) 2-Chlorotoluene	11.366	91	50982	5.075	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	61417	5.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4499	8.110	ug/l #	79
82) 4-Chlorotoluene	11.457	91	58085	4.996	ug/l	95
83) tert-Butylbenzene	11.713	119	57996	4.971	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	60828	5.041	ug/l	97
85) sec-Butylbenzene	11.890	105	73427	4.989	ug/l	100
86) p-Isopropyltoluene	12.006	119	62178	5.051	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	33062	5.134	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	34062	5.157	ug/l	96
89) n-Butylbenzene	12.329	91	52026	4.736	ug/l	97
90) Hexachloroethane	12.536	117	8322	6.414	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	32501	5.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4232	4.527	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	18354	4.708	ug/l	96
94) Hexachlorobutadiene	13.725	225	8299	5.290	ug/l	99
95) Naphthalene	13.774	128	59974	4.634	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18050	4.806	ug/l	94

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

