

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037750.D
 Acq On : 15 Sep 2023 13:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091523

Quant Time: Sep 16 05:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	259675	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	414247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170427	49.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.385	113	146319	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	8.647	98	555832	53.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.940%		
62) 4-Bromofluorobenzene	11.079	95	209940	56.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	143347	52.373	ug/l	99
3) Chloromethane	1.300	50	146839	49.307	ug/l	96
4) Vinyl Chloride	1.374	62	161789	50.358	ug/l	99
5) Bromomethane	1.599	94	112111	48.743	ug/l	98
6) Chloroethane	1.678	64	108192	48.882	ug/l	100
7) Trichlorofluoromethane	1.886	101	271264	52.518	ug/l	100
8) Diethyl Ether	2.130	74	98765	49.355	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	139466	53.205	ug/l	96
10) Methyl Iodide	2.453	142	182631	52.647	ug/l	91
11) Tert butyl alcohol	2.965	59	184581	252.050	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	130153	51.376	ug/l	86
13) Acrolein	2.233	56	161178	222.786	ug/l	99
14) Allyl chloride	2.660	41	214080	50.738	ug/l	# 95
15) Acrylonitrile	3.062	53	403324	247.709	ug/l	99
16) Acetone	2.380	43	396346	241.490	ug/l	90
17) Carbon Disulfide	2.508	76	332363	52.327	ug/l	100
18) Methyl Acetate	2.703	43	286097	48.322	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	473853	50.847	ug/l	99
20) Methylene Chloride	2.788	84	157734	51.984	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	145826	51.839	ug/l	90
22) Diisopropyl ether	3.757	45	450664	51.277	ug/l	93
23) Vinyl Acetate	3.721	43	1691613	261.671	ug/l	96
24) 1,1-Dichloroethane	3.605	63	264520	50.225	ug/l	99
25) 2-Butanone	4.550	43	574475	248.038	ug/l	91
26) 2,2-Dichloropropane	4.471	77	229289	53.880	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	176001	51.034	ug/l	90
28) Bromochloromethane	4.897	49	116284	47.328	ug/l	# 83
29) Tetrahydrofuran	5.001	42	358243	248.669	ug/l	90
30) Chloroform	5.092	83	286626	50.520	ug/l	97
31) Cyclohexane	5.470	56	234987	53.663	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	252699	52.603	ug/l	97
36) 1,1-Dichloropropene	5.690	75	206641	54.120	ug/l	96
37) Ethyl Acetate	4.715	43	216228	51.513	ug/l	96
38) Carbon Tetrachloride	5.678	117	222300	55.644	ug/l	98
39) Methylcyclohexane	7.379	83	275573	56.866	ug/l	92
40) Benzene	6.037	78	617581	52.598	ug/l	99

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41) Methacrylonitrile	4.916	41	113309	52.941	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	221153	52.112	ug/l	97
43) Isopropyl Acetate	6.336	43	355251	52.928	ug/l	95
44) Trichloroethene	7.123	130	167709	51.289	ug/l	96
45) 1,2-Dichloropropane	7.434	63	159530	52.318	ug/l	100
46) Dibromomethane	7.580	93	116900	53.296	ug/l	92
47) Bromodichloromethane	7.824	83	220721	54.638	ug/l	98
48) Methyl methacrylate	7.690	41	171784	53.539	ug/l #	88
49) 1,4-Dioxane	7.659	88	87937	1045.399	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1129508	265.237	ug/l	95
52) Toluene	8.720	92	406562	53.727	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	243740	57.704	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	260391	55.701	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	170552	53.457	ug/l	96
56) Ethyl methacrylate	9.116	69	265827	55.812	ug/l	89
57) 1,3-Dichloropropane	9.305	76	274557	53.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	609128	273.884	ug/l	98
59) 2-Hexanone	9.427	43	892495	269.176	ug/l	93
60) Dibromochloromethane	9.519	129	178619	56.200	ug/l	99
61) 1,2-Dibromoethane	9.610	107	183812	54.416	ug/l	100
64) Tetrachloroethene	9.275	164	144255	54.053	ug/l	99
65) Chlorobenzene	10.079	112	443211	52.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	168644	56.378	ug/l	99
67) Ethyl Benzene	10.195	91	807479	55.176	ug/l	98
68) m/p-Xylenes	10.299	106	633871	112.091	ug/l	97
69) o-Xylene	10.640	106	310971	54.838	ug/l	98
70) Styrene	10.652	104	515377	56.612	ug/l	96
71) Bromoform	10.799	173	137404	58.147	ug/l #	98
73) Isopropylbenzene	10.963	105	821767	53.380	ug/l	98
74) N-amyl acetate	10.841	43	339583	54.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	276131	51.001	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	220854m	45.506	ug/l	
77) Bromobenzene	11.195	156	204733	53.730	ug/l	88
78) n-propylbenzene	11.305	91	964802	55.493	ug/l	99
79) 2-Chlorotoluene	11.366	91	570441	53.213	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	715039	55.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	85893	56.692	ug/l	87
82) 4-Chlorotoluene	11.451	91	659176	54.619	ug/l	96
83) tert-Butylbenzene	11.713	119	709287	53.981	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	712895	55.113	ug/l	97
85) sec-Butylbenzene	11.890	105	898089	56.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	759311	57.172	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	386185	54.371	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	386355	53.156	ug/l	97
89) n-Butylbenzene	12.329	91	687185	59.063	ug/l	97
90) Hexachloroethane	12.536	117	129191	57.411	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	379002	52.262	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57205	53.005	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	245874	57.558	ug/l	96
94) Hexachlorobutadiene	13.725	225	114558	57.427	ug/l	98
95) Naphthalene	13.774	128	796384	55.125	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	242804	55.233	ug/l	97

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

