

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041117.D
 Acq On : 16 Apr 2024 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 02:15:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104445	51.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.391	113	87914	49.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	8.647	98	305757	49.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.100%			
62) 4-Bromofluorobenzene	11.079	95	117669	49.724	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	68512	46.060	ug/l	97
3) Chloromethane	1.301	50	77584	46.932	ug/l	97
4) Vinyl Chloride	1.374	62	93492	49.343	ug/l	100
5) Bromomethane	1.599	94	60913	51.279	ug/l	99
6) Chloroethane	1.685	64	63214	50.546	ug/l	97
7) Trichlorofluoromethane	1.886	101	157316	52.897	ug/l	99
8) Diethyl Ether	2.136	74	62315	53.394	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	83935	48.550	ug/l	# 87
10) Methyl Iodide	2.453	142	106054	58.394	ug/l	91
11) Tert butyl alcohol	2.959	59	99068	250.112	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	81469	49.222	ug/l	86
13) Acrolein	2.233	56	121635	244.178	ug/l	98
14) Allyl chloride	2.666	41	137142	51.233	ug/l	96
15) Acrylonitrile	3.062	53	259218	264.316	ug/l	99
16) Acetone	2.380	43	201580	236.868	ug/l	96
17) Carbon Disulfide	2.514	76	172106	45.681	ug/l	98
18) Methyl Acetate	2.703	43	116449	54.810	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	280844	54.897	ug/l	98
20) Methylene Chloride	2.788	84	89249	49.148	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	84022	49.489	ug/l	87
22) Diisopropyl ether	3.757	45	282844	55.174	ug/l	98
23) Vinyl Acetate	3.721	43	1298663	279.529	ug/l	96
24) 1,1-Dichloroethane	3.611	63	154500	51.475	ug/l	97
25) 2-Butanone	4.550	43	355726	266.040	ug/l	98
26) 2,2-Dichloropropane	4.477	77	109776	46.078	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	105542	51.456	ug/l	89
28) Bromochloromethane	4.897	49	58798	50.468	ug/l	# 75
29) Tetrahydrofuran	5.001	42	241080	272.345	ug/l	95
30) Chloroform	5.093	83	172577	52.914	ug/l	99
31) Cyclohexane	5.471	56	120451	48.025	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	149615	52.272	ug/l	98
36) 1,1-Dichloropropene	5.690	75	107739	47.816	ug/l	96
37) Ethyl Acetate	4.715	43	141969	52.761	ug/l	99
38) Carbon Tetrachloride	5.678	117	133023	50.915	ug/l	98
39) Methylcyclohexane	7.379	83	133771	47.315	ug/l	93
40) Benzene	6.038	78	344352	50.065	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	78745	55.841	ug/l	95
42) 1,2-Dichloroethane	6.086	62	129245	52.440	ug/l	94
43) Isopropyl Acetate	6.342	43	213621	53.462	ug/l	98
44) Trichloroethene	7.123	130	97757	47.853	ug/l	89
45) 1,2-Dichloropropane	7.428	63	83987	51.425	ug/l	100
46) Dibromomethane	7.580	93	67468	52.540	ug/l #	78
47) Bromodichloromethane	7.818	83	133977	53.601	ug/l	97
48) Methyl methacrylate	7.690	41	107344	55.038	ug/l	94
49) 1,4-Dioxane	7.653	88	49758	1091.772	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	736980	271.505	ug/l	98
52) Toluene	8.714	92	223856	49.858	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	126422	52.733	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	138337	52.523	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	94431	52.382	ug/l	96
56) Ethyl methacrylate	9.116	69	149125	51.198	ug/l	95
57) 1,3-Dichloropropane	9.305	76	152808	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	346718	273.471	ug/l	92
59) 2-Hexanone	9.427	43	572789	272.782	ug/l	97
60) Dibromochloromethane	9.519	129	118084	54.153	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100395	50.983	ug/l	99
64) Tetrachloroethene	9.275	164	97205	48.730	ug/l	89
65) Chlorobenzene	10.079	112	266106	48.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	98161	51.787	ug/l	98
67) Ethyl Benzene	10.195	91	432709	50.046	ug/l	97
68) m/p-Xylenes	10.299	106	341945	99.430	ug/l	93
69) o-Xylene	10.640	106	168070	50.205	ug/l	93
70) Styrene	10.653	104	292339	51.428	ug/l	95
71) Bromoform	10.799	173	96746	54.190	ug/l #	98
73) Isopropylbenzene	10.963	105	436615	50.648	ug/l	97
74) N-amyl acetate	10.842	43	188485	55.117	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	145199	51.330	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121913m	51.190	ug/l	
77) Bromobenzene	11.195	156	126638	50.038	ug/l	78
78) n-propylbenzene	11.305	91	489613	50.647	ug/l	96
79) 2-Chlorotoluene	11.366	91	294689	50.004	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	364075	50.700	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43063	46.909	ug/l	93
82) 4-Chlorotoluene	11.451	91	344312	50.178	ug/l	92
83) tert-Butylbenzene	11.713	119	385923	50.390	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	366531	51.144	ug/l	93
85) sec-Butylbenzene	11.890	105	460974	50.163	ug/l	95
86) p-Isopropyltoluene	12.006	119	414288	50.798	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	229510	48.071	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	234083	46.490	ug/l	95
89) n-Butylbenzene	12.329	91	344557	49.798	ug/l	97
90) Hexachloroethane	12.536	117	70473	51.029	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	230168	48.581	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33166	54.056	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	173099	48.613	ug/l	95
94) Hexachlorobutadiene	13.725	225	80381	47.353	ug/l	99
95) Naphthalene	13.774	128	510168	53.046	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173806	49.158	ug/l	94

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

