

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037402.D
 Acq On : 31 Aug 2023 03:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 31 09:30:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94533	57.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.240%			
35) Dibromofluoromethane	5.385	113	82161	57.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.360%			
50) Toluene-d8	8.646	98	277346	53.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.420%			
62) 4-Bromofluorobenzene	11.079	95	118067	57.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62210	47.064	ug/l	97
3) Chloromethane	1.300	50	76248	65.935	ug/l	96
4) Vinyl Chloride	1.373	62	71300	56.644	ug/l	97
5) Bromomethane	1.599	94	39289	62.662	ug/l	100
6) Chloroethane	1.672	64	43390	58.578	ug/l	96
7) Trichlorofluoromethane	1.879	101	101024	48.995	ug/l	100
8) Diethyl Ether	2.135	74	50998	63.929	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.324	101	55667	46.278	ug/l	97
10) Methyl Iodide	2.446	142	86171	58.942	ug/l	94
11) Tert butyl alcohol	2.971	59	118102	306.896	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	62433	53.299	ug/l	84
13) Acrolein	2.239	56	57684	197.039	ug/l	99
14) Allyl chloride	2.660	41	100894	55.648	ug/l #	89
15) Acrylonitrile	3.062	53	225044	327.638	ug/l	99
16) Acetone	2.379	43	187349	291.918	ug/l	90
17) Carbon Disulfide	2.507	76	143338	48.107	ug/l	98
18) Methyl Acetate	2.702	43	148684	61.530	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	277443	62.451	ug/l	97
20) Methylene Chloride	2.788	84	87444	60.927	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	73515	55.209	ug/l	86
22) Diisopropyl ether	3.757	45	230475	61.947	ug/l #	92
23) Vinyl Acetate	3.721	43	869891	305.111	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	141379	60.597	ug/l	96
25) 2-Butanone	4.556	43	293454	303.677	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	74849	35.923	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	94534	60.220	ug/l	85
28) Bromochloromethane	4.903	49	64312	61.706	ug/l #	73
29) Tetrahydrofuran	5.001	42	185881	301.627	ug/l #	81
30) Chloroform	5.092	83	156574	59.783	ug/l	97
31) Cyclohexane	5.470	56	87330	47.343	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	129881	55.340	ug/l	95
36) 1,1-Dichloropropene	5.690	75	93449	45.777	ug/l	96
37) Ethyl Acetate	4.714	43	113412	54.386	ug/l #	92
38) Carbon Tetrachloride	5.678	117	105107	47.398	ug/l	98
39) Methylcyclohexane	7.378	83	98206	45.788	ug/l	92
40) Benzene	6.037	78	326924	55.839	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60245	55.574	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	122244	53.243	ug/l	94
43) Isopropyl Acetate	6.342	43	184214	55.643	ug/l #	90
44) Trichloroethene	7.122	130	83093	50.052	ug/l	98
45) 1,2-Dichloropropane	7.427	63	83698	57.979	ug/l	96
46) Dibromomethane	7.580	93	64083	56.349	ug/l	93
47) Bromodichloromethane	7.817	83	123346	56.626	ug/l	98
48) Methyl methacrylate	7.689	41	90247	55.896	ug/l #	82
49) 1,4-Dioxane	7.659	88	54948	1263.680	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	583370	290.186	ug/l	89
52) Toluene	8.720	92	214891	55.551	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	124711	53.771	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	134720	53.751	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	94606	60.061	ug/l	97
56) Ethyl methacrylate	9.116	69	146172	59.244	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	153684	57.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331693	280.138	ug/l	93
59) 2-Hexanone	9.427	43	456306	297.689	ug/l	86
60) Dibromochloromethane	9.518	129	100696	60.042	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99996	57.982	ug/l	99
64) Tetrachloroethene	9.274	164	66023	43.960	ug/l	99
65) Chlorobenzene	10.079	112	235391	54.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92404	57.539	ug/l	99
67) Ethyl Benzene	10.195	91	401837	52.483	ug/l	99
68) m/p-Xylenes	10.299	106	314541	106.381	ug/l	98
69) o-Xylene	10.640	106	163464	56.035	ug/l	97
70) Styrene	10.652	104	273783	56.976	ug/l	96
71) Bromoform	10.799	173	73852	61.479	ug/l #	99
73) Isopropylbenzene	10.963	105	397033	50.231	ug/l	98
74) N-amyl acetate	10.841	43	168105	54.735	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	152458	57.273	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125993m	54.403	ug/l	
77) Bromobenzene	11.195	156	103693	53.715	ug/l	91
78) n-propylbenzene	11.305	91	444124	50.460	ug/l	99
79) 2-Chlorotoluene	11.366	91	292983	52.091	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	347357	52.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	40681	49.062	ug/l #	84
82) 4-Chlorotoluene	11.451	91	331810	51.106	ug/l	97
83) tert-Butylbenzene	11.713	119	344560	54.795	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	360814	54.146	ug/l	97
85) sec-Butylbenzene	11.890	105	396288	53.954	ug/l	98
86) p-Isopropyltoluene	12.006	119	343003	54.248	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	192513	53.266	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	196059	52.506	ug/l	99
89) n-Butylbenzene	12.335	91	270786	51.656	ug/l	99
90) Hexachloroethane	12.536	117	64150	60.786	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	201442	56.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35240	56.975	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	115985	56.011	ug/l	97
94) Hexachlorobutadiene	13.725	225	39553	49.442	ug/l	98
95) Naphthalene	13.774	128	452698	49.907	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	120852	58.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

