

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039530.D
 Acq On : 29 Dec 2023 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 30 01:52:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	106942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188357	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90531	46.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.420%		
35) Dibromofluoromethane	5.379	113	67033	51.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.020%		
50) Toluene-d8	8.647	98	247898	51.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.620%		
62) 4-Bromofluorobenzene	11.079	95	95701	48.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73442	48.872	ug/l	97
3) Chloromethane	1.295	50	82434	49.481	ug/l	98
4) Vinyl Chloride	1.374	62	79410	51.253	ug/l	98
5) Bromomethane	1.593	94	37146	41.672	ug/l	99
6) Chloroethane	1.666	64	38174	40.885	ug/l	100
7) Trichlorofluoromethane	1.874	101	113491	50.023	ug/l	99
8) Diethyl Ether	2.130	74	41530	52.890	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	69884	50.477	ug/l	97
10) Methyl Iodide	2.447	142	72108	50.389	ug/l	94
11) Tert butyl alcohol	2.995	59	116417	236.638	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	66713	48.510	ug/l	95
13) Acrolein	2.233	56	114641	292.101	ug/l	100
14) Allyl chloride	2.654	41	136146	48.870	ug/l	95
15) Acrylonitrile	3.063	53	259734	263.763	ug/l	99
16) Acetone	2.380	43	332334	297.433	ug/l	92
17) Carbon Disulfide	2.502	76	167354	41.584	ug/l	98
18) Methyl Acetate	2.703	43	228204	53.855	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	244506	49.160	ug/l	99
20) Methylene Chloride	2.782	84	79037	48.396	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	70232	46.933	ug/l	98
22) Diisopropyl ether	3.757	45	263168	51.894	ug/l	87
23) Vinyl Acetate	3.715	43	969053	256.677	ug/l	99
24) 1,1-Dichloroethane	3.605	63	141259	49.276	ug/l	100
25) 2-Butanone	4.550	43	402498	238.086	ug/l	99
26) 2,2-Dichloropropane	4.465	77	114160	45.615	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	82539	49.972	ug/l	99
28) Bromochloromethane	4.891	49	72468	51.809	ug/l	93
29) Tetrahydrofuran	4.995	42	247488	265.089	ug/l	98
30) Chloroform	5.087	83	140062	48.892	ug/l	100
31) Cyclohexane	5.458	56	125148	49.458	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	117743	47.345	ug/l	97
36) 1,1-Dichloropropene	5.684	75	102079	49.711	ug/l	100
37) Ethyl Acetate	4.709	43	134484	53.011	ug/l	100
38) Carbon Tetrachloride	5.672	117	96845	49.420	ug/l	98
39) Methylcyclohexane	7.373	83	126916	51.455	ug/l	99
40) Benzene	6.031	78	301529	51.910	ug/l	99

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41) Methacrylonitrile	4.910	41	72206	53.345	ug/l	94
42) 1,2-Dichloroethane	6.080	62	118081	50.220	ug/l	99
43) Isopropyl Acetate	6.336	43	214275	51.941	ug/l	99
44) Trichloroethene	7.117	130	71303	48.645	ug/l	93
45) 1,2-Dichloropropane	7.428	63	82956	53.214	ug/l	97
46) Dibromomethane	7.574	93	54688	49.904	ug/l	97
47) Bromodichloromethane	7.818	83	105878	50.531	ug/l	96
48) Methyl methacrylate	7.690	41	128693	53.360	ug/l	96
49) 1,4-Dioxane	7.659	88	39938	1228.500	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	733415	279.027	ug/l	98
52) Toluene	8.714	92	182204	51.971	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	112871	48.929	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	125035	50.375	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	77220	52.759	ug/l	92
56) Ethyl methacrylate	9.116	69	97917	54.801	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132006	52.170	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	307709	293.289	ug/l	95
59) 2-Hexanone	9.427	43	613680	270.525	ug/l	99
60) Dibromochloromethane	9.519	129	75011	50.675	ug/l	100
61) 1,2-Dibromoethane	9.604	107	81380	52.084	ug/l	99
64) Tetrachloroethene	9.269	164	54502	47.890	ug/l	92
65) Chlorobenzene	10.080	112	189867	49.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69166	51.511	ug/l	99
67) Ethyl Benzene	10.189	91	363239	51.334	ug/l	97
68) m/p-Xylenes	10.299	106	260927	102.846	ug/l	94
69) o-Xylene	10.640	106	129840	52.931	ug/l	96
70) Styrene	10.653	104	190970	53.253	ug/l	97
71) Bromoform	10.799	173	51250	51.350	ug/l #	100
73) Isopropylbenzene	10.957	105	350843	54.063	ug/l	100
74) N-amyl acetate	10.842	43	186354	56.756	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	136512	56.547	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116469m	53.522	ug/l	
77) Bromobenzene	11.195	156	75838	52.847	ug/l	92
78) n-propylbenzene	11.305	91	425797	53.253	ug/l	96
79) 2-Chlorotoluene	11.366	91	254642	52.651	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	300892	54.427	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	39357	51.021	ug/l	97
82) 4-Chlorotoluene	11.451	91	291334	51.286	ug/l	98
83) tert-Butylbenzene	11.713	119	286020	54.362	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	306983	54.148	ug/l	100
85) sec-Butylbenzene	11.890	105	364468	54.439	ug/l	98
86) p-Isopropyltoluene	12.006	119	306379	54.529	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	144278	51.175	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	144764	49.315	ug/l	99
89) n-Butylbenzene	12.329	91	287934	52.130	ug/l	96
90) Hexachloroethane	12.536	117	54246	53.447	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	143299	53.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33295	52.362	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	85771	48.558	ug/l	98
94) Hexachlorobutadiene	13.725	225	35527	53.371	ug/l	97
95) Naphthalene	13.774	128	334022	54.300	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87578	51.360	ug/l	98

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

