

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039557.D
 Acq On : 29 Dec 2023 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 30 02:08:27 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101218	48.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.380%		
35) Dibromofluoromethane	5.385	113	73156	49.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.640%		
50) Toluene-d8	8.647	98	277219	50.847	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	111116	49.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75992	47.165	ug/l	99
3) Chloromethane	1.294	50	88045	49.292	ug/l	100
4) Vinyl Chloride	1.374	62	80394	48.395	ug/l	100
5) Bromomethane	1.599	94	42625	44.600	ug/l	99
6) Chloroethane	1.678	64	48695	48.642	ug/l	100
7) Trichlorofluoromethane	1.886	101	115339	47.416	ug/l	99
8) Diethyl Ether	2.136	74	43416	51.570	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	70903	47.766	ug/l	97
10) Methyl Iodide	2.453	142	75091	48.941	ug/l	94
11) Tert butyl alcohol	2.959	59	130841	248.055	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	71028	48.171	ug/l	94
13) Acrolein	2.233	56	123643	293.832	ug/l	98
14) Allyl chloride	2.660	41	142448	47.690	ug/l	97
15) Acrylonitrile	3.062	53	280828	265.988	ug/l	99
16) Acetone	2.379	43	240793	192.021	ug/l	94
17) Carbon Disulfide	2.507	76	179506	41.602	ug/l	99
18) Methyl Acetate	2.703	43	250617	55.163	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	266330	49.944	ug/l	99
20) Methylene Chloride	2.788	84	85072	48.585	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	76159	47.468	ug/l	98
22) Diisopropyl ether	3.757	45	278955	51.305	ug/l	96
23) Vinyl Acetate	3.721	43	1019469	251.854	ug/l	99
24) 1,1-Dichloroethane	3.611	63	151531	49.301	ug/l	99
25) 2-Butanone	4.556	43	401344	221.423	ug/l	100
26) 2,2-Dichloropropane	4.471	77	106273	39.605	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	89304	50.428	ug/l	99
28) Bromochloromethane	4.897	49	67099	44.742	ug/l	93
29) Tetrahydrofuran	5.001	42	266379	266.118	ug/l	99
30) Chloroform	5.092	83	148993	48.508	ug/l	98
31) Cyclohexane	5.470	56	130352	48.047	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	126711	47.521	ug/l	99
36) 1,1-Dichloropropene	5.690	75	108620	46.871	ug/l	99
37) Ethyl Acetate	4.708	43	149666	52.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	99901	45.172	ug/l	99
39) Methylcyclohexane	7.379	83	132570	47.624	ug/l	98
40) Benzene	6.037	78	321016	48.970	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	80731	52.849	ug/l	98
42) 1,2-Dichloroethane	6.086	62	126841	47.800	ug/l	100
43) Isopropyl Acetate	6.336	43	235537	50.591	ug/l	99
44) Trichloroethene	7.123	130	77305	46.732	ug/l	94
45) 1,2-Dichloropropane	7.427	63	88601	50.360	ug/l	99
46) Dibromomethane	7.580	93	60085	48.583	ug/l	95
47) Bromodichloromethane	7.824	83	113794	48.123	ug/l	98
48) Methyl methacrylate	7.689	41	140237	51.523	ug/l	96
49) 1,4-Dioxane	7.659	88	41563	1132.847	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	789192	266.045	ug/l	99
52) Toluene	8.720	92	194282	49.103	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	123939	47.607	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	133501	47.659	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	81747	49.490	ug/l	92
56) Ethyl methacrylate	9.116	69	107532	53.327	ug/l	97
57) 1,3-Dichloropropane	9.305	76	143594	50.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	315382	266.359	ug/l	93
59) 2-Hexanone	9.427	43	628631	245.548	ug/l	99
60) Dibromochloromethane	9.518	129	80739	48.331	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88809	50.364	ug/l	99
64) Tetrachloroethene	9.275	164	60578	47.153	ug/l	96
65) Chlorobenzene	10.079	112	204172	47.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72052	47.535	ug/l	98
67) Ethyl Benzene	10.195	91	390198	48.849	ug/l	99
68) m/p-Xylenes	10.299	106	279946	97.747	ug/l	94
69) o-Xylene	10.640	106	136630	49.341	ug/l	93
70) Styrene	10.652	104	204170	50.435	ug/l	97
71) Bromoform	10.799	173	52674	46.752	ug/l #	99
73) Isopropylbenzene	10.963	105	372383	50.289	ug/l	99
74) N-amyl acetate	10.841	43	202847	54.143	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	143289	52.017	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	122730m	49.427	ug/l	
77) Bromobenzene	11.195	156	81790	49.949	ug/l	91
78) n-propylbenzene	11.305	91	450865	49.418	ug/l	97
79) 2-Chlorotoluene	11.366	91	267897	48.545	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	319106	50.586	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	39392	44.753	ug/l	96
82) 4-Chlorotoluene	11.451	91	313547	48.374	ug/l	98
83) tert-Butylbenzene	11.713	119	298461	49.715	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	321102	49.637	ug/l	99
85) sec-Butylbenzene	11.890	105	383717	50.229	ug/l	98
86) p-Isopropyltoluene	12.006	119	318515	49.681	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	156222	48.562	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	154341	46.078	ug/l	99
89) n-Butylbenzene	12.329	91	317766	50.419	ug/l	96
90) Hexachloroethane	12.536	117	54906	47.410	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	148361	48.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36593	50.434	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	97573	48.411	ug/l	98
94) Hexachlorobutadiene	13.725	225	37664	49.587	ug/l	99
95) Naphthalene	13.774	128	381825	54.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96340	49.514	ug/l	99

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

