

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034797.D
 Acq On : 28 Mar 2023 16:50
 Operator : JC/MD
 Sample : VX0328WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS02

Quant Time: Mar 28 17:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	239678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	188525	54.068	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.140%			
35) Dibromofluoromethane	5.385	113	142050	52.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.647	98	515090	51.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	203770	50.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48384	21.654	ug/l	98
3) Chloromethane	1.295	50	62756	17.693	ug/l	98
4) Vinyl Chloride	1.374	62	62087	20.407	ug/l	95
5) Bromomethane	1.618	94	42684	27.806	ug/l	94
6) Chloroethane	1.691	64	42002	23.977	ug/l	100
7) Trichlorofluoromethane	1.886	101	105217	23.016	ug/l	100
8) Diethyl Ether	2.130	74	37788	22.643	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	54901	20.607	ug/l	99
10) Methyl Iodide	2.453	142	65001	18.583	ug/l	98
11) Tert butyl alcohol	2.995	59	65011	89.534	ug/l	98
12) 1,1-Dichloroethene	2.319	96	50993	19.435	ug/l	93
13) Acrolein	2.240	56	53856	93.757	ug/l	100
14) Allyl chloride	2.666	41	99967	18.793	ug/l	96
15) Acrylonitrile	3.063	53	162759	103.766	ug/l	99
16) Acetone	2.386	43	149614	91.091	ug/l	98
17) Carbon Disulfide	2.514	76	111799	15.141	ug/l	98
18) Methyl Acetate	2.703	43	119644	22.293	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	195483	20.808	ug/l	97
20) Methylene Chloride	2.788	84	62726	19.677	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	56416	20.246	ug/l	99
22) Diisopropyl ether	3.758	45	215018	21.201	ug/l	98
23) Vinyl Acetate	3.721	43	770399	99.808	ug/l	98
24) 1,1-Dichloroethane	3.611	63	111411	20.435	ug/l	98
25) 2-Butanone	4.562	43	236618	100.682	ug/l	99
26) 2,2-Dichloropropane	4.477	77	88725	18.722	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	68619	20.456	ug/l	99
28) Bromochloromethane	4.898	49	57968	22.867	ug/l	100
29) Tetrahydrofuran	5.007	42	152092	104.878	ug/l	98
30) Chloroform	5.093	83	114098	21.350	ug/l	98
31) Cyclohexane	5.471	56	98618	20.167	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	95222	20.127	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83755	20.307	ug/l	98
37) Ethyl Acetate	4.709	43	89249	19.807	ug/l	98
38) Carbon Tetrachloride	5.678	117	78150	19.047	ug/l	98
39) Methylcyclohexane	7.379	83	92461	18.732	ug/l	96
40) Benzene	6.038	78	245420	20.340	ug/l	100

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41) Methacrylonitrile	4.916	41	51295	20.772	ug/l	98
42) 1,2-Dichloroethane	6.086	62	96362	21.731	ug/l	99
43) Isopropyl Acetate	6.342	43	151729	19.877	ug/l	99
44) Trichloroethene	7.123	130	62453	19.921	ug/l	97
45) 1,2-Dichloropropane	7.428	63	63651	20.204	ug/l	98
46) Dibromomethane	7.580	93	43380	20.254	ug/l	99
47) Bromodichloromethane	7.824	83	77906	18.794	ug/l	99
48) Methyl methacrylate	7.690	41	73937	20.140	ug/l	99
49) 1,4-Dioxane	7.696	88	30696	398.085	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	470064	106.154	ug/l	98
52) Toluene	8.720	92	152569	20.424	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	83263	17.829	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93642	18.534	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61998	20.913	ug/l	99
56) Ethyl methacrylate	9.116	69	97332	19.996	ug/l	99
57) 1,3-Dichloropropane	9.305	76	109793	20.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	240320	95.803	ug/l	100
59) 2-Hexanone	9.427	43	354443	103.547	ug/l	99
60) Dibromochloromethane	9.519	129	55113	17.726	ug/l	98
61) 1,2-Dibromoethane	9.610	107	63253	19.772	ug/l	99
64) Tetrachloroethene	9.275	164	53888	22.151	ug/l	98
65) Chlorobenzene	10.080	112	161264	20.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	55397	19.142	ug/l	98
67) Ethyl Benzene	10.195	91	297031	20.881	ug/l	97
68) m/p-Xylenes	10.299	106	226177	41.390	ug/l	98
69) o-Xylene	10.640	106	111496	20.332	ug/l	98
70) Styrene	10.653	104	181450	20.508	ug/l	99
71) Bromoform	10.799	173	35443	15.910	ug/l #	98
73) Isopropylbenzene	10.964	105	288181	20.626	ug/l	100
74) N-amyl acetate	10.842	43	132269	19.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	94336	20.234	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	87827m	21.159	ug/l	
77) Bromobenzene	11.201	156	67388	20.103	ug/l	99
78) n-propylbenzene	11.305	91	332777	20.624	ug/l	99
79) 2-Chlorotoluene	11.366	91	205557	20.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	239006	20.395	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21913	14.282	ug/l #	82
82) 4-Chlorotoluene	11.457	91	236255	20.582	ug/l	99
83) tert-Butylbenzene	11.713	119	230111	19.475	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	244109	20.382	ug/l	99
85) sec-Butylbenzene	11.890	105	283423	19.621	ug/l	99
86) p-Isopropyltoluene	12.006	119	236342	19.468	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	129895	19.777	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	132264	19.916	ug/l	100
89) n-Butylbenzene	12.329	91	202942	18.804	ug/l	98
90) Hexachloroethane	12.536	117	33929	15.104	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	128747	20.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18995	17.932	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75223	18.952	ug/l	99
94) Hexachlorobutadiene	13.725	225	30422	19.025	ug/l	97
95) Naphthalene	13.774	128	275301	20.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75723	19.517	ug/l	99

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

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