

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040563.D
 Acq On : 04 Mar 2024 12:50
 Operator : JC/MD
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/05/2024

Quant Time: Mar 05 00:22:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75659	51.368	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.740%			
35) Dibromofluoromethane	5.385	113	52721	51.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.647	98	183838	49.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.079	95	62871	44.059	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 88.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19711	17.986	ug/l	97
3) Chloromethane	1.294	50	19177	17.642	ug/l	98
4) Vinyl Chloride	1.374	62	21543	18.327	ug/l	98
5) Bromomethane	1.605	94	13798	21.123	ug/l	96
6) Chloroethane	1.684	64	11694	15.720	ug/l	97
7) Trichlorofluoromethane	1.886	101	32477	17.494	ug/l	95
8) Diethyl Ether	2.136	74	10553	16.262	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	17203	17.215	ug/l	99
10) Methyl Iodide	2.453	142	19306	20.816	ug/l	97
11) Tert butyl alcohol	2.965	59	27347	110.449	ug/l #	88
12) 1,1-Dichloroethene	2.312	96	15213	15.163	ug/l	95
13) Acrolein	2.233	56	15818	99.647	ug/l	96
14) Allyl chloride	2.666	41	32627	18.588	ug/l	91
15) Acrylonitrile	3.062	53	60526	97.454	ug/l	97
16) Acetone	2.379	43	60958	126.909	ug/l	97
17) Carbon Disulfide	2.514	76	42039	15.131	ug/l	99
18) Methyl Acetate	2.703	43	32880	22.204	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	67749	19.797	ug/l	97
20) Methylene Chloride	2.788	84	20673	17.985	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	18343	17.143	ug/l	95
22) Diisopropyl ether	3.757	45	65542	18.581	ug/l	87
23) Vinyl Acetate	3.721	43	305659	94.599	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38661	18.796	ug/l	98
25) 2-Butanone	4.556	43	92836	110.932	ug/l	99
26) 2,2-Dichloropropane	4.477	77	33109	20.217	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	22275	17.795	ug/l	97
28) Bromochloromethane	4.897	49	15403	17.902	ug/l	96
29) Tetrahydrofuran	5.001	42	57256	98.072	ug/l	97
30) Chloroform	5.098	83	42663	19.541	ug/l	98
31) Cyclohexane	5.464	56	29350	17.589	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	37360	20.048	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29283	18.430	ug/l	98
37) Ethyl Acetate	4.721	43	33122	19.048	ug/l	99
38) Carbon Tetrachloride	5.684	117	29799	19.414	ug/l	96
39) Methylcyclohexane	7.385	83	32194	18.767	ug/l	93
40) Benzene	6.043	78	78524	18.254	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19441	20.015	ug/l	95
42) 1,2-Dichloroethane	6.086	62	37520	21.073	ug/l	98
43) Isopropyl Acetate	6.342	43	55517	20.347	ug/l	97
44) Trichloroethene	7.123	130	22040	19.051	ug/l	96
45) 1,2-Dichloropropane	7.427	63	21583	18.747	ug/l	94
46) Dibromomethane	7.586	93	16723	19.757	ug/l	99
47) Bromodichloromethane	7.824	83	33134	19.882	ug/l	95
48) Methyl methacrylate	7.696	41	28020	20.546	ug/l	94
49) 1,4-Dioxane	7.659	88	11110	430.650	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	186222	103.228	ug/l	98
52) Toluene	8.720	92	50428	19.101	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	33268	19.670	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35355	19.448	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	21789	19.887	ug/l	91
56) Ethyl methacrylate	9.116	69	33791	19.948	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	35156	18.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	72890	82.065	ug/l	98
59) 2-Hexanone	9.427	43	139012	100.226	ug/l	97
60) Dibromochloromethane	9.518	129	22647	19.031	ug/l	99
61) 1,2-Dibromoethane	9.610	107	20770	17.373	ug/l	98
64) Tetrachloroethene	9.275	164	18552	20.918	ug/l	97
65) Chlorobenzene	10.079	112	51078	19.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20148	21.276	ug/l	97
67) Ethyl Benzene	10.195	91	93168	18.941	ug/l	97
68) m/p-Xylenes	10.299	106	71093	38.705	ug/l	95
69) o-Xylene	10.640	106	33973	19.339	ug/l	94
70) Styrene	10.658	104	55157	18.834	ug/l	97
71) Bromoform	10.799	173	16298	21.025	ug/l #	100
73) Isopropylbenzene	10.963	105	90268	17.485	ug/l	99
74) N-amyl acetate	10.841	43	40511	16.896	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32692	17.510	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	28196m	18.276	ug/l	
77) Bromobenzene	11.195	156	21987	18.012	ug/l	96
78) n-propylbenzene	11.305	91	109911	17.164	ug/l	98
79) 2-Chlorotoluene	11.366	91	66430	17.233	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79233	18.046	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8371	18.300	ug/l	95
82) 4-Chlorotoluene	11.457	91	79757	17.892	ug/l	99
83) tert-Butylbenzene	11.713	119	84982	20.530	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87522	20.091	ug/l	99
85) sec-Butylbenzene	11.890	105	108486	19.950	ug/l	98
86) p-Isopropyltoluene	12.012	119	88088	19.652	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	46397	19.068	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	47503	19.178	ug/l	98
89) n-Butylbenzene	12.335	91	84508	19.163	ug/l	96
90) Hexachloroethane	12.536	117	14828	19.876	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	44782	19.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9895	22.733	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30028	19.844	ug/l	98
94) Hexachlorobutadiene	13.725	225	12598	20.370	ug/l	97
95) Naphthalene	13.774	128	97443	20.151	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29590	20.571	ug/l	98

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

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