

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042054.D
 Acq On : 26 Jun 2024 15:37
 Operator : JC/MD
 Sample : VX0626WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2024
 Supervised By : Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 03:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184753	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	270339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91733	43.058	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.120%		
35) Dibromofluoromethane	5.385	113	87570	45.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.300%		
50) Toluene-d8	8.647	98	302358	44.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.740%#		
62) 4-Bromofluorobenzene	11.079	95	117145	47.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29152	20.712	ug/l	99
3) Chloromethane	1.300	50	31893	18.062	ug/l	95
4) Vinyl Chloride	1.374	62	32385	18.296	ug/l	99
5) Bromomethane	1.593	94	15745	18.014	ug/l	98
6) Chloroethane	1.666	64	16961	21.282	ug/l	98
7) Trichlorofluoromethane	1.873	101	45858	19.775	ug/l	95
8) Diethyl Ether	2.136	74	18447	16.946	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	29640	18.554	ug/l #	84
10) Methyl Iodide	2.440	142	41150	20.725	ug/l #	85
11) Tert butyl alcohol	2.989	59	41711	103.163	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	30317	19.025	ug/l	82
13) Acrolein	2.239	56	42660	94.125	ug/l	97
14) Allyl chloride	2.660	41	46811	18.523	ug/l	88
15) Acrylonitrile	3.068	53	93472	88.508	ug/l	99
16) Acetone	2.392	43	74106	79.217	ug/l	90
17) Carbon Disulfide	2.501	76	72126	22.199	ug/l	99
18) Methyl Acetate	2.709	43	39708	15.560	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	96688	18.366	ug/l	99
20) Methylene Chloride	2.788	84	36191	17.668	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	30539	18.883	ug/l	86
22) Diisopropyl ether	3.769	45	96364	18.039	ug/l	86
23) Vinyl Acetate	3.727	43	426191	93.421	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	54299	18.151	ug/l	96
25) 2-Butanone	4.568	43	126473	86.901	ug/l	90
26) 2,2-Dichloropropane	4.471	77	37576	17.346	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	37794	18.659	ug/l	84
28) Bromochloromethane	4.903	49	22317	17.418	ug/l #	71
29) Tetrahydrofuran	5.013	42	84235	89.619	ug/l	92
30) Chloroform	5.099	83	56300	18.065	ug/l	95
31) Cyclohexane	5.464	56	47472	19.054	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	48879	18.769	ug/l	96
36) 1,1-Dichloropropene	5.696	75	37421	18.371	ug/l	93
37) Ethyl Acetate	4.727	43	47465	17.888	ug/l	96
38) Carbon Tetrachloride	5.678	117	41898	18.616	ug/l	99
39) Methylcyclohexane	7.379	83	49793	19.329	ug/l	91
40) Benzene	6.037	78	127352	18.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26504	18.427	ug/l	91
42) 1,2-Dichloroethane	6.092	62	38810	17.538	ug/l	89
43) Isopropyl Acetate	6.348	43	73519	18.051	ug/l #	95
44) Trichloroethene	7.129	130	35491	19.273	ug/l	83
45) 1,2-Dichloropropane	7.427	63	30264	17.916	ug/l	98
46) Dibromomethane	7.586	93	22697	18.441	ug/l #	75
47) Bromodichloromethane	7.824	83	40928	18.112	ug/l	94
48) Methyl methacrylate	7.696	41	35392	18.208	ug/l #	85
49) 1,4-Dioxane	7.671	88	18137	365.544	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	251190	89.533	ug/l	94
52) Toluene	8.720	92	83030	18.980	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	40179	17.683	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	46086	18.628	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	33261	18.251	ug/l	98
56) Ethyl methacrylate	9.116	69	53092	18.726	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	53695	18.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	134691	101.946	ug/l	91
59) 2-Hexanone	9.433	43	194723	90.619	ug/l	90
60) Dibromochloromethane	9.525	129	36335	18.355	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35137	18.591	ug/l	98
64) Tetrachloroethene	9.275	164	34561	19.336	ug/l	90
65) Chlorobenzene	10.079	112	96203	18.842	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32799	18.348	ug/l	99
67) Ethyl Benzene	10.195	91	153742	19.214	ug/l	96
68) m/p-Xylenes	10.299	106	125636	38.897	ug/l	90
69) o-Xylene	10.640	106	62789	19.635	ug/l	90
70) Styrene	10.659	104	103457	19.293	ug/l	94
71) Bromoform	10.799	173	30010	18.441	ug/l #	98
73) Isopropylbenzene	10.963	105	159540	19.833	ug/l	97
74) N-amyl acetate	10.841	43	65936	18.453	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	53348	17.836	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41975m	17.477	ug/l	
77) Bromobenzene	11.201	156	46382	19.360	ug/l	76
78) n-propylbenzene	11.305	91	169245	19.391	ug/l	95
79) 2-Chlorotoluene	11.366	91	107626	19.139	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	130754	19.515	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	15158	17.924	ug/l	87
82) 4-Chlorotoluene	11.457	91	119849	19.279	ug/l	92
83) tert-Butylbenzene	11.713	119	141724	19.277	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	135722	20.190	ug/l	92
85) sec-Butylbenzene	11.890	105	164955	19.837	ug/l	96
86) p-Isopropyltoluene	12.012	119	144517	19.895	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	80717	19.168	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	80101	18.539	ug/l	95
89) n-Butylbenzene	12.335	91	111076	19.865	ug/l	97
90) Hexachloroethane	12.536	117	22583	18.261	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	81505	18.915	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11101	18.728	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.591	180	55953	19.822	ug/l	96
94) Hexachlorobutadiene	13.725	225	26280	18.411	ug/l	99
95) Naphthalene	13.774	128	234125	25.062	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57442	19.295	ug/l	95

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

