

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040105.D
 Acq On : 05 Feb 2024 11:06
 Operator : JC/MD
 Sample : VX0205WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:56:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65952	43.954	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.900%		
35) Dibromofluoromethane	5.385	113	53989	48.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.620%		
50) Toluene-d8	8.647	98	194951	47.130	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.260%		
62) 4-Bromofluorobenzene	11.079	95	76417	47.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22286	21.222	ug/l	100
3) Chloromethane	1.294	50	17862	17.936	ug/l	95
4) Vinyl Chloride	1.374	62	16039	17.414	ug/l	95
5) Bromomethane	1.605	94	11850	13.235	ug/l	100
6) Chloroethane	1.685	64	9716	15.979	ug/l	98
7) Trichlorofluoromethane	1.886	101	22594	15.418	ug/l	98
8) Diethyl Ether	2.130	74	8877	17.134	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	21042	19.245	ug/l	99
10) Methyl Iodide	2.453	142	22699	19.502	ug/l	95
11) Tert butyl alcohol	2.953	59	26903	98.814	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	19450	18.548	ug/l	96
13) Acrolein	2.233	56	23867	91.498	ug/l	96
14) Allyl chloride	2.666	41	36111	19.104	ug/l	98
15) Acrylonitrile	3.056	53	69888	102.475	ug/l	99
16) Acetone	2.373	43	66130	94.063	ug/l	90
17) Carbon Disulfide	2.514	76	53841	17.561	ug/l	99
18) Methyl Acetate	2.703	43	39777	23.883	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71193	19.819	ug/l	99
20) Methylene Chloride	2.788	84	23777	19.031	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	21496	18.614	ug/l	93
22) Diisopropyl ether	3.757	45	68789	18.788	ug/l	96
23) Vinyl Acetate	3.721	43	314027	95.835	ug/l	100
24) 1,1-Dichloroethane	3.611	63	39314	18.748	ug/l	99
25) 2-Butanone	4.550	43	89639	91.721	ug/l	98
26) 2,2-Dichloropropane	4.477	77	29348	17.937	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	24028	18.647	ug/l	93
28) Bromochloromethane	4.897	49	18635	19.057	ug/l #	99
29) Tetrahydrofuran	5.001	42	57849	93.095	ug/l	97
30) Chloroform	5.093	83	41322	18.351	ug/l	99
31) Cyclohexane	5.471	56	32369	17.222	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	34731	17.973	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28077	17.552	ug/l	99
37) Ethyl Acetate	4.708	43	33657	19.266	ug/l	97
38) Carbon Tetrachloride	5.678	117	26107	17.057	ug/l	97
39) Methylcyclohexane	7.373	83	35428	18.203	ug/l	97
40) Benzene	6.037	78	80210	17.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17551	19.810	ug/l	90
42) 1,2-Dichloroethane	6.080	62	32018	17.852	ug/l	99
43) Isopropyl Acetate	6.336	43	49502	17.968	ug/l	99
44) Trichloroethene	7.123	130	22392	18.263	ug/l	100
45) 1,2-Dichloropropane	7.434	63	22883	18.602	ug/l	98
46) Dibromomethane	7.580	93	17051	18.467	ug/l	100
47) Bromodichloromethane	7.818	83	31706	19.280	ug/l	98
48) Methyl methacrylate	7.690	41	26653	19.639	ug/l	94
49) 1,4-Dioxane	7.653	88	10509	356.346	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	185976	98.890	ug/l	97
52) Toluene	8.714	92	54784	18.865	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	31264	18.330	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33596	18.460	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	23016	19.148	ug/l	96
56) Ethyl methacrylate	9.116	69	34401	19.598	ug/l	95
57) 1,3-Dichloropropane	9.305	76	37997	19.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91189	103.310	ug/l	97
59) 2-Hexanone	9.427	43	146447	97.666	ug/l	99
60) Dibromochloromethane	9.519	129	22262	18.432	ug/l	96
61) 1,2-Dibromoethane	9.610	107	23770	18.291	ug/l	94
64) Tetrachloroethene	9.269	164	19076	19.520	ug/l	97
65) Chlorobenzene	10.079	112	58731	18.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20646	19.693	ug/l	99
67) Ethyl Benzene	10.195	91	105514	18.943	ug/l	99
68) m/p-Xylenes	10.299	106	79150	37.771	ug/l	97
69) o-Xylene	10.640	106	38790	19.515	ug/l	99
70) Styrene	10.653	104	65453	19.537	ug/l	98
71) Bromoform	10.799	173	15965	19.746	ug/l #	99
73) Isopropylbenzene	10.963	105	103463	18.683	ug/l	99
74) N-amyl acetate	10.841	43	46911	18.531	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	39028	18.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30419m	18.523	ug/l	
77) Bromobenzene	11.195	156	24383	19.088	ug/l	97
78) n-propylbenzene	11.305	91	126995	18.636	ug/l	100
79) 2-Chlorotoluene	11.360	91	73647	17.952	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	88689	18.631	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8926	18.907	ug/l	96
82) 4-Chlorotoluene	11.451	91	87160	18.511	ug/l	98
83) tert-Butylbenzene	11.713	119	85122	18.687	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	90441	19.040	ug/l	99
85) sec-Butylbenzene	11.890	105	112160	18.585	ug/l	99
86) p-Isopropyltoluene	12.006	119	91138	18.494	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47629	18.483	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	48998	18.575	ug/l	99
89) n-Butylbenzene	12.329	91	86139	18.008	ug/l	97
90) Hexachloroethane	12.536	117	13728	18.027	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	46071	18.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7893	16.725	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	29959	19.289	ug/l	98
94) Hexachlorobutadiene	13.725	225	11830	19.336	ug/l	95
95) Naphthalene	13.774	128	100238	19.001	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28974	18.867	ug/l	97

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

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