

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039767.D
 Acq On : 16 Jan 2024 12:26
 Operator : JC/MD
 Sample : VX0116WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2024
 Supervised By : Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:45:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90236	44.249	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.500%		
35) Dibromofluoromethane	5.379	113	68511	47.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	250503	46.022	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.040%		
62) 4-Bromofluorobenzene	11.079	95	94761	44.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25039	15.897	ug/l	99
3) Chloromethane	1.295	50	26460	14.710	ug/l	97
4) Vinyl Chloride	1.374	62	25696	15.137	ug/l	95
5) Bromomethane	1.605	94	17241	17.800	ug/l	99
6) Chloroethane	1.685	64	16007	16.587	ug/l	98
7) Trichlorofluoromethane	1.886	101	40109	16.379	ug/l	100
8) Diethyl Ether	2.130	74	14989	16.563	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	26102	17.193	ug/l	97
10) Methyl Iodide	2.453	142	27364	17.085	ug/l	91
11) Tert butyl alcohol	2.947	59	41966	79.056	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	23486	16.029	ug/l	97
13) Acrolein	2.233	56	36819	103.841	ug/l	99
14) Allyl chloride	2.666	41	45429	15.753	ug/l	98
15) Acrylonitrile	3.056	53	88681	80.875	ug/l	99
16) Acetone	2.374	43	91023	79.367	ug/l	97
17) Carbon Disulfide	2.514	76	60237	14.304	ug/l	97
18) Methyl Acetate	2.703	43	40122	16.722	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	85411	16.420	ug/l	94
20) Methylene Chloride	2.788	84	28494	16.425	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	25027	16.231	ug/l	93
22) Diisopropyl ether	3.757	45	92492	16.807	ug/l	98
23) Vinyl Acetate	3.721	43	421749	82.445	ug/l	100
24) 1,1-Dichloroethane	3.611	63	49923	16.490	ug/l	99
25) 2-Butanone	4.550	43	134700	81.730	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39240	16.149	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	29648	16.765	ug/l	97
28) Bromochloromethane	4.898	49	25298	18.434	ug/l	95
29) Tetrahydrofuran	4.995	42	84625	79.774	ug/l	99
30) Chloroform	5.087	83	50024	16.738	ug/l	99
31) Cyclohexane	5.471	56	42567	15.816	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	41886	16.370	ug/l	99
36) 1,1-Dichloropropene	5.690	75	36347	16.180	ug/l	99
37) Ethyl Acetate	4.715	43	47045	15.698	ug/l	99
38) Carbon Tetrachloride	5.672	117	33055	16.066	ug/l	94
39) Methylcyclohexane	7.379	83	43982	16.305	ug/l	98
40) Benzene	6.031	78	106652	16.767	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	25597	17.467	ug/l	95
42) 1,2-Dichloroethane	6.086	62	41700	17.243	ug/l	99
43) Isopropyl Acetate	6.336	43	73736	16.773	ug/l	99
44) Trichloroethene	7.123	130	25952	16.647	ug/l	93
45) 1,2-Dichloropropane	7.428	63	28925	16.951	ug/l	100
46) Dibromomethane	7.580	93	20102	17.056	ug/l	97
47) Bromodichloromethane	7.818	83	37284	17.081	ug/l	95
48) Methyl methacrylate	7.690	41	34843	16.124	ug/l	93
49) 1,4-Dioxane	7.653	88	13019	311.365	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	255305	84.322	ug/l	99
52) Toluene	8.714	92	65826	17.326	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	39314	16.973	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43375	17.031	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	27643	17.089	ug/l	97
56) Ethyl methacrylate	9.116	69	44849	17.131	ug/l	98
57) 1,3-Dichloropropane	9.305	76	47516	17.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	115318	93.188	ug/l	95
59) 2-Hexanone	9.427	43	204790	85.461	ug/l	99
60) Dibromochloromethane	9.519	129	26444	17.335	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29372	17.534	ug/l	99
64) Tetrachloroethene	9.275	164	21660	17.426	ug/l	99
65) Chlorobenzene	10.080	112	70133	17.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24082	17.765	ug/l	98
67) Ethyl Benzene	10.189	91	128726	17.417	ug/l	97
68) m/p-Xylenes	10.299	106	95107	34.989	ug/l	97
69) o-Xylene	10.640	106	46170	17.152	ug/l	96
70) Styrene	10.653	104	76726	17.449	ug/l	99
71) Bromoform	10.799	173	16699	16.406	ug/l #	98
73) Isopropylbenzene	10.964	105	123983	17.559	ug/l	99
74) N-amyl acetate	10.842	43	61668	16.755	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	47814	17.733	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39739m	17.283	ug/l	
77) Bromobenzene	11.195	156	28128	17.891	ug/l	98
78) n-propylbenzene	11.305	91	148098	17.329	ug/l	98
79) 2-Chlorotoluene	11.360	91	88642	16.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104752	17.468	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11349	16.480	ug/l	95
82) 4-Chlorotoluene	11.451	91	102732	17.147	ug/l	99
83) tert-Butylbenzene	11.713	119	101080	17.655	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104406	17.451	ug/l	99
85) sec-Butylbenzene	11.890	105	129691	17.450	ug/l	99
86) p-Isopropyltoluene	12.006	119	103697	17.457	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	52826	17.529	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	53489	17.185	ug/l	99
89) n-Butylbenzene	12.329	91	95554	16.655	ug/l	97
90) Hexachloroethane	12.536	117	16361	16.327	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52357	17.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10830	16.392	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31186	17.128	ug/l	97
94) Hexachlorobutadiene	13.725	225	13513	17.854	ug/l	98
95) Naphthalene	13.774	128	109063	16.272	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	31515	17.150	ug/l	98

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

