

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026815.D
 Acq On : 08 Feb 2022 12:31
 Operator : JC/MD
 Sample : VX0208WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 03:00:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61656	51.092	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.391	113	49666	51.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.653	98	180105	50.922	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	65424	52.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21665	19.820	ug/l	97
3) Chloromethane	1.294	50	19006	18.690	ug/l	100
4) Vinyl Chloride	1.379	62	20180	18.957	ug/l	98
5) Bromomethane	1.617	94	9604	21.261	ug/l	95
6) Chloroethane	1.690	64	12109	18.967	ug/l	96
7) Trichlorofluoromethane	1.892	101	31327	19.998	ug/l	100
8) Diethyl Ether	2.135	74	11592	19.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	21077	20.526	ug/l	98
10) Methyl Iodide	2.459	142	22684	17.463	ug/l	97
11) Tert butyl alcohol	2.977	59	21829	100.130	ug/l	95
12) 1,1-Dichloroethene	2.324	96	19760	19.206	ug/l	94
13) Acrolein	2.239	56	21964	109.021	ug/l	99
14) Allyl chloride	2.672	41	36172	19.848	ug/l	97
15) Acrylonitrile	3.068	53	62496	100.038	ug/l	99
16) Acetone	2.385	43	59010	111.336	ug/l	95
17) Carbon Disulfide	2.520	76	55931	19.204	ug/l	98
18) Methyl Acetate	2.709	43	29068	19.061	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	72659	19.952	ug/l	100
20) Methylene Chloride	2.794	84	21972	19.132	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	21807	20.142	ug/l	96
22) Diisopropyl ether	3.763	45	74160	20.212	ug/l	95
23) Vinyl Acetate	3.727	43	316160	102.488	ug/l	98
24) 1,1-Dichloroethane	3.611	63	39411	19.850	ug/l	100
25) 2-Butanone	4.562	43	89231	104.492	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29037	21.646	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	24944	20.067	ug/l	97
28) Bromochloromethane	4.903	49	16934	20.576	ug/l	93
29) Tetrahydrofuran	5.013	42	57733	99.447	ug/l	97
30) Chloroform	5.098	83	40540	19.653	ug/l	98
31) Cyclohexane	5.476	56	38850	20.261	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	35439	19.486	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30558	20.103	ug/l	98
37) Ethyl Acetate	4.714	43	33736	19.529	ug/l	98
38) Carbon Tetrachloride	5.684	117	31763	19.927	ug/l	100
39) Methylcyclohexane	7.385	83	38504	20.655	ug/l	97
40) Benzene	6.043	78	88354	19.944	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18801	20.081	ug/l	97
42) 1,2-Dichloroethane	6.092	62	32549	20.850	ug/l	97
43) Isopropyl Acetate	6.348	43	54316	20.436	ug/l	99
44) Trichloroethene	7.128	130	26143	19.654	ug/l	95
45) 1,2-Dichloropropane	7.433	63	22444	20.024	ug/l	96
46) Dibromomethane	7.586	93	15667	20.200	ug/l	96
47) Bromodichloromethane	7.823	83	30688	20.662	ug/l	97
48) Methyl methacrylate	7.695	41	26703	20.276	ug/l	98
49) 1,4-Dioxane	7.677	88	10264	452.278	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	168466	104.594	ug/l	98
52) Toluene	8.720	92	54946	19.590	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29483	19.192	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34477	21.022	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	21820	20.549	ug/l	98
56) Ethyl methacrylate	9.116	69	34572	20.540	ug/l	98
57) 1,3-Dichloropropane	9.311	76	38046	20.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	82255	95.211	ug/l	97
59) 2-Hexanone	9.433	43	126273	107.184	ug/l	97
60) Dibromochloromethane	9.524	129	22399	20.501	ug/l	97
61) 1,2-Dibromoethane	9.610	107	22958	20.464	ug/l	99
64) Tetrachloroethene	9.274	164	27291	19.825	ug/l	95
65) Chlorobenzene	10.079	112	56876	20.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	21416	20.538	ug/l	98
67) Ethyl Benzene	10.195	91	102848	20.500	ug/l	99
68) m/p-Xylenes	10.305	106	78672	40.757	ug/l	99
69) o-Xylene	10.640	106	37901	20.039	ug/l	99
70) Styrene	10.658	104	63938	20.843	ug/l	98
71) Bromoform	10.799	173	15465	20.297	ug/l #	99
73) Isopropylbenzene	10.963	105	100163	20.154	ug/l	99
74) N-amyl acetate	10.847	43	39958	20.122	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28118	20.848	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	28909m	20.930	ug/l	
77) Bromobenzene	11.201	156	23731	20.087	ug/l	96
78) n-propylbenzene	11.305	91	112832	20.478	ug/l	99
79) 2-Chlorotoluene	11.366	91	67758	19.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	84077	20.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7795	19.841	ug/l	98
82) 4-Chlorotoluene	11.457	91	78413	20.532	ug/l	98
83) tert-Butylbenzene	11.713	119	78564	20.152	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	83991	20.357	ug/l	98
85) sec-Butylbenzene	11.890	105	100435	20.323	ug/l	99
86) p-Isopropyltoluene	12.012	119	84899	20.279	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	43348	20.024	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44696	20.473	ug/l	99
89) n-Butylbenzene	12.335	91	70580	20.605	ug/l	98
90) Hexachloroethane	12.542	117	12608	20.837	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	42882	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6698	20.194	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	26776	20.312	ug/l	98
94) Hexachlorobutadiene	13.725	225	11454	20.542	ug/l	99
95) Naphthalene	13.780	128	95327	20.645	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26874	20.133	ug/l	99

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

