

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033227.D
 Acq On : 05 Dec 2022 15:47
 Operator : JC/MD
 Sample : VX1205WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Quant Time: Dec 06 05:59:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54397	46.190	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.380%		
35) Dibromofluoromethane	5.385	113	47974	44.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.960%		
50) Toluene-d8	8.647	98	144432	44.777	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.560%#		
62) 4-Bromofluorobenzene	11.079	95	64578	46.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14907	16.273	ug/l	100
3) Chloromethane	1.294	50	17012	17.203	ug/l	94
4) Vinyl Chloride	1.374	62	19287	17.516	ug/l	96
5) Bromomethane	1.618	94	16918	20.720	ug/l	96
6) Chloroethane	1.691	64	17351	19.356	ug/l	92
7) Trichlorofluoromethane	1.892	101	42664	19.964	ug/l	98
8) Diethyl Ether	2.136	74	14493	21.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	22531	20.059	ug/l	100
10) Methyl Iodide	2.453	142	19819	15.413	ug/l	97
11) Tert butyl alcohol	2.995	59	18919	102.212	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19744	18.870	ug/l	84
13) Acrolein	2.239	56	18284	85.997	ug/l	98
14) Allyl chloride	2.666	41	32548	19.268	ug/l	97
15) Acrylonitrile	3.068	53	53747	102.661	ug/l	100
16) Acetone	2.392	43	59650	109.386	ug/l	96
17) Carbon Disulfide	2.514	76	49662	17.179	ug/l	100
18) Methyl Acetate	2.703	43	31788	21.058	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	71923	19.820	ug/l	98
20) Methylene Chloride	2.788	84	23317	19.765	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22166	18.519	ug/l	97
22) Diisopropyl ether	3.757	45	72625	19.744	ug/l #	88
23) Vinyl Acetate	3.721	43	272065	94.491	ug/l	100
24) 1,1-Dichloroethane	3.611	63	41273	19.608	ug/l	98
25) 2-Butanone	4.562	43	80855	107.528	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33529	19.811	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	27081	19.914	ug/l	99
28) Bromochloromethane	4.904	49	16241	17.560	ug/l	99
29) Tetrahydrofuran	5.007	42	48314	101.257	ug/l	99
30) Chloroform	5.099	83	47287	20.058	ug/l	99
31) Cyclohexane	5.464	56	34842	18.416	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	42926	20.332	ug/l	99
36) 1,1-Dichloropropene	5.696	75	33173	19.450	ug/l	98
37) Ethyl Acetate	4.708	43	30284	20.352	ug/l	98
38) Carbon Tetrachloride	5.678	117	38676	20.441	ug/l	99
39) Methylcyclohexane	7.379	83	37422	19.230	ug/l	96
40) Benzene	6.037	78	93950	19.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17361	20.735	ug/l	97
42) 1,2-Dichloroethane	6.086	62	38710	20.105	ug/l	100
43) Isopropyl Acetate	6.342	43	50138	20.374	ug/l	99
44) Trichloroethene	7.123	130	26307	19.605	ug/l	94
45) 1,2-Dichloropropane	7.434	63	24858	21.034	ug/l	99
46) Dibromomethane	7.580	93	18974	20.577	ug/l	98
47) Bromodichloromethane	7.824	83	39831	22.354	ug/l	98
48) Methyl methacrylate	7.690	41	25843	20.402	ug/l	97
49) 1,4-Dioxane	7.696	88	10322	442.677	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	166080	109.370	ug/l	99
52) Toluene	8.720	92	64792	20.595	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	38694	21.115	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40935	21.311	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	27070	21.134	ug/l	98
56) Ethyl methacrylate	9.116	69	36345	20.594	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43292	20.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	73046	87.163	ug/l	99
59) 2-Hexanone	9.427	43	125684	112.043	ug/l	99
60) Dibromochloromethane	9.519	129	31722	23.003	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28461	21.052	ug/l	98
64) Tetrachloroethene	9.275	164	24011	19.165	ug/l	97
65) Chlorobenzene	10.079	112	71884	20.370	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	28076	21.714	ug/l	100
67) Ethyl Benzene	10.195	91	127846	20.423	ug/l	99
68) m/p-Xylenes	10.299	106	98857	40.329	ug/l	99
69) o-Xylene	10.640	106	48317	20.372	ug/l	99
70) Styrene	10.659	104	81262	20.943	ug/l	97
71) Bromoform	10.799	173	23459	23.663	ug/l #	98
73) Isopropylbenzene	10.963	105	130752	20.173	ug/l	100
74) N-amyl acetate	10.842	43	43352	19.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40665	20.787	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37005m	21.543	ug/l	
77) Bromobenzene	11.195	156	32004	20.077	ug/l	99
78) n-propylbenzene	11.305	91	149465	20.169	ug/l	100
79) 2-Chlorotoluene	11.366	91	88686	19.704	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	110235	20.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11489	21.740	ug/l	99
82) 4-Chlorotoluene	11.457	91	103607	19.644	ug/l	99
83) tert-Butylbenzene	11.713	119	111488	20.570	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	108807	20.041	ug/l	100
85) sec-Butylbenzene	11.890	105	132882	20.493	ug/l	100
86) p-Isopropyltoluene	12.012	119	112037	20.394	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59567	19.923	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	59663	19.485	ug/l	100
89) n-Butylbenzene	12.335	91	94721	20.014	ug/l	99
90) Hexachloroethane	12.536	117	21166	23.451	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	59145	20.336	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8483	21.734	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35664	19.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	14747	18.645	ug/l	98
95) Naphthalene	13.774	128	115809	19.967	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35137	19.544	ug/l	100

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

