

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030771.D
 Acq On : 25 Aug 2022 14:47
 Operator : JC/MD
 Sample : VX0825WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 02:39:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	255528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	428691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140368	46.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.400%		
35) Dibromofluoromethane	5.391	113	124670	47.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.640%		
50) Toluene-d8	8.653	98	432081	47.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.120%		
62) 4-Bromofluorobenzene	11.085	95	161621	47.284	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45683	19.291	ug/l	96
3) Chloromethane	1.288	50	39755	19.982	ug/l	98
4) Vinyl Chloride	1.374	62	46698	19.843	ug/l	96
5) Bromomethane	1.605	94	23951	20.116	ug/l	97
6) Chloroethane	1.685	64	28782	20.685	ug/l	97
7) Trichlorofluoromethane	1.886	101	72873	18.631	ug/l	94
8) Diethyl Ether	2.136	74	29146	19.693	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	46722	18.776	ug/l	96
10) Methyl Iodide	2.453	142	30730	17.614	ug/l	95
11) Tert butyl alcohol	2.983	59	74306	113.883	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43404	18.739	ug/l	99
13) Acrolein	2.239	56	60153	110.028	ug/l	96
14) Allyl chloride	2.666	41	79560	18.563	ug/l	98
15) Acrylonitrile	3.068	53	163162	101.996	ug/l	99
16) Acetone	2.386	43	132261	95.223	ug/l	98
17) Carbon Disulfide	2.514	76	89813	19.295	ug/l	98
18) Methyl Acetate	2.709	43	85889	20.120	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	159099	19.835	ug/l	97
20) Methylene Chloride	2.788	84	54502	20.933	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	46210	18.572	ug/l	99
22) Diisopropyl ether	3.764	45	169053	19.637	ug/l	99
23) Vinyl Acetate	3.727	43	685994	99.351	ug/l	100
24) 1,1-Dichloroethane	3.617	63	92831	19.025	ug/l	98
25) 2-Butanone	4.568	43	222437	99.417	ug/l	98
26) 2,2-Dichloropropane	4.477	77	61814	17.488	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	57391	18.670	ug/l	97
28) Bromochloromethane	4.910	49	41649	19.838	ug/l	98
29) Tetrahydrofuran	5.013	42	144308	98.823	ug/l	99
30) Chloroform	5.099	83	96465	18.783	ug/l	99
31) Cyclohexane	5.477	56	72159	18.775	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	81052	19.519	ug/l	97
36) 1,1-Dichloropropene	5.696	75	64573	17.999	ug/l	97
37) Ethyl Acetate	4.721	43	84227	19.821	ug/l	99
38) Carbon Tetrachloride	5.684	117	68597	18.127	ug/l	95
39) Methylcyclohexane	7.385	83	74465	17.342	ug/l	94
40) Benzene	6.044	78	206205	19.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46603	19.626	ug/l	98
42) 1,2-Dichloroethane	6.092	62	74495	19.560	ug/l	98
43) Isopropyl Acetate	6.348	43	125264	19.570	ug/l	100
44) Trichloroethene	7.129	130	56754	18.301	ug/l	91
45) 1,2-Dichloropropane	7.434	63	55814	18.796	ug/l	96
46) Dibromomethane	7.586	93	38038	18.033	ug/l	96
47) Bromodichloromethane	7.830	83	73731	18.562	ug/l	97
48) Methyl methacrylate	7.696	41	62863	19.702	ug/l	97
49) 1,4-Dioxane	7.677	88	32517	412.831	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	437201	101.270	ug/l	99
52) Toluene	8.720	92	125718	18.764	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73678	19.197	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	83296	19.273	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	58259	19.567	ug/l	97
56) Ethyl methacrylate	9.122	69	86224	20.194	ug/l	98
57) 1,3-Dichloropropane	9.311	76	93844	19.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	231741	101.488	ug/l	99
59) 2-Hexanone	9.433	43	333965	103.111	ug/l	99
60) Dibromochloromethane	9.525	129	59290	19.096	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59637	19.753	ug/l	99
64) Tetrachloroethene	9.275	164	53634	17.497	ug/l	97
65) Chlorobenzene	10.079	112	140029	18.602	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	53013	18.767	ug/l	98
67) Ethyl Benzene	10.195	91	247401	19.023	ug/l	100
68) m/p-Xylenes	10.305	106	189352	38.002	ug/l	98
69) o-Xylene	10.646	106	94210	19.107	ug/l	97
70) Styrene	10.659	104	159524	19.496	ug/l	98
71) Bromoform	10.805	173	43900	18.809	ug/l #	98
73) Isopropylbenzene	10.963	105	249414	19.741	ug/l	98
74) N-amyl acetate	10.848	43	101315	20.587	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	87734	20.301	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	80900m	19.587	ug/l	
77) Bromobenzene	11.201	156	61019	19.603	ug/l	97
78) n-propylbenzene	11.305	91	283011	19.477	ug/l	100
79) 2-Chlorotoluene	11.366	91	171772	19.299	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	206060	19.487	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25415	19.853	ug/l	95
82) 4-Chlorotoluene	11.457	91	197473	19.793	ug/l	99
83) tert-Butylbenzene	11.719	119	203944	20.040	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	208926	20.402	ug/l	98
85) sec-Butylbenzene	11.890	105	265856	20.047	ug/l	99
86) p-Isopropyltoluene	12.012	119	215898	19.797	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113447	19.320	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114961	19.077	ug/l	99
89) n-Butylbenzene	12.335	91	187469	18.570	ug/l	99
90) Hexachloroethane	12.542	117	37798	17.876	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	119169	19.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20374	18.316	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	69868	18.077	ug/l	99
94) Hexachlorobutadiene	13.725	225	29110	18.083	ug/l	98
95) Naphthalene	13.780	128	264865	19.685	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75003	18.353	ug/l	99

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

