

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030815.D
 Acq On : 26 Aug 2022 11:32
 Operator : JC/MD
 Sample : VX0826WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 27 02:37:55 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	234172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130410	47.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.680%		
35) Dibromofluoromethane	5.391	113	111932	46.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.800%		
50) Toluene-d8	8.653	98	392039	46.633	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.260%		
62) 4-Bromofluorobenzene	11.085	95	152246	48.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39851	18.363	ug/l	97
3) Chloromethane	1.288	50	33857	18.490	ug/l	96
4) Vinyl Chloride	1.374	62	39303	18.175	ug/l	97
5) Bromomethane	1.605	94	20335	18.637	ug/l	97
6) Chloroethane	1.685	64	24414	19.057	ug/l	99
7) Trichlorofluoromethane	1.886	101	62388	17.405	ug/l	92
8) Diethyl Ether	2.136	74	26241	19.347	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	41717	18.293	ug/l	97
10) Methyl Iodide	2.453	142	27650	17.367	ug/l	94
11) Tert butyl alcohol	2.977	59	67987	113.701	ug/l	99
12) 1,1-Dichloroethene	2.319	96	36467	17.179	ug/l	96
13) Acrolein	2.239	56	53782	107.591	ug/l	99
14) Allyl chloride	2.666	41	71002	18.077	ug/l	98
15) Acrylonitrile	3.069	53	152954	104.334	ug/l	99
16) Acetone	2.386	43	124540	97.841	ug/l	96
17) Carbon Disulfide	2.508	76	74827	17.477	ug/l	98
18) Methyl Acetate	2.709	43	80049	20.462	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	146139	19.881	ug/l	95
20) Methylene Chloride	2.788	84	47924	20.052	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	40640	17.823	ug/l	99
22) Diisopropyl ether	3.770	45	152973	19.390	ug/l #	84
23) Vinyl Acetate	3.727	43	629510	99.485	ug/l	100
24) 1,1-Dichloroethane	3.611	63	82836	18.524	ug/l	98
25) 2-Butanone	4.562	43	207868	101.378	ug/l	97
26) 2,2-Dichloropropane	4.477	77	58978	18.207	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	50294	17.854	ug/l	94
28) Bromochloromethane	4.904	49	37952	19.726	ug/l	97
29) Tetrahydrofuran	5.013	42	137209	102.530	ug/l	99
30) Chloroform	5.093	83	87033	18.492	ug/l	98
31) Cyclohexane	5.471	56	62778	17.824	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	71246	18.723	ug/l	98
36) 1,1-Dichloropropene	5.696	75	57070	17.372	ug/l	97
37) Ethyl Acetate	4.721	43	75853	19.494	ug/l	99
38) Carbon Tetrachloride	5.684	117	60237	17.383	ug/l	96
39) Methylcyclohexane	7.385	83	68925	17.530	ug/l	99
40) Benzene	6.038	78	178716	18.183	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43859	20.171	ug/l	98
42) 1,2-Dichloroethane	6.092	62	66462	19.057	ug/l	100
43) Isopropyl Acetate	6.348	43	115428	19.694	ug/l	99
44) Trichloroethene	7.129	130	51556	18.156	ug/l	97
45) 1,2-Dichloropropane	7.434	63	52243	19.214	ug/l	96
46) Dibromomethane	7.580	93	36365	18.827	ug/l	99
47) Bromodichloromethane	7.824	83	68911	18.945	ug/l	94
48) Methyl methacrylate	7.696	41	59261	20.283	ug/l	98
49) 1,4-Dioxane	7.671	88	30184	418.494	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	405157	102.488	ug/l	99
52) Toluene	8.720	92	112808	18.388	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66691	18.976	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	74871	18.918	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	55272	20.273	ug/l	97
56) Ethyl methacrylate	9.116	69	79720	20.389	ug/l	99
57) 1,3-Dichloropropane	9.311	76	86084	19.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	215584	103.104	ug/l	99
59) 2-Hexanone	9.433	43	313643	105.752	ug/l	100
60) Dibromochloromethane	9.525	129	52931	18.618	ug/l	97
61) 1,2-Dibromoethane	9.610	107	54588	19.745	ug/l	98
64) Tetrachloroethene	9.275	164	48307	17.064	ug/l	97
65) Chlorobenzene	10.079	112	127540	18.346	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48395	18.551	ug/l	98
67) Ethyl Benzene	10.195	91	217852	18.137	ug/l	98
68) m/p-Xylenes	10.305	106	169298	36.790	ug/l	98
69) o-Xylene	10.640	106	87543	19.225	ug/l	99
70) Styrene	10.659	104	144117	19.071	ug/l	99
71) Bromoform	10.799	173	38576	17.896	ug/l #	99
73) Isopropylbenzene	10.963	105	222650	18.035	ug/l	99
74) N-amyl acetate	10.848	43	93325	19.407	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	82375	19.507	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77082m	19.099	ug/l	
77) Bromobenzene	11.201	156	56611	18.612	ug/l	95
78) n-propylbenzene	11.305	91	264897	18.657	ug/l	99
79) 2-Chlorotoluene	11.366	91	158962	18.277	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	188737	18.267	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24093	19.261	ug/l	95
82) 4-Chlorotoluene	11.457	91	179520	18.415	ug/l	99
83) tert-Butylbenzene	11.719	119	192839	19.392	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	192477	19.235	ug/l	97
85) sec-Butylbenzene	11.890	105	238826	18.430	ug/l	99
86) p-Isopropyltoluene	12.012	119	207559	19.477	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	108402	18.893	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110417	18.752	ug/l	98
89) n-Butylbenzene	12.335	91	183938	18.646	ug/l	100
90) Hexachloroethane	12.542	117	36596	17.712	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	115464	19.116	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21046	19.363	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	73549	19.474	ug/l	99
94) Hexachlorobutadiene	13.725	225	30773	19.563	ug/l	96
95) Naphthalene	13.780	128	264826	20.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77713	19.461	ug/l	98

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

