

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033985.D
 Acq On : 01 Feb 2023 17:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 02 01:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	160435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	202331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74376	44.029	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.060%		
35) Dibromofluoromethane	5.379	113	70679	50.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.600%		
50) Toluene-d8	8.647	98	246496	48.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	95739	50.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55293	43.612	ug/l	99
3) Chloromethane	1.294	50	65993	47.123	ug/l	99
4) Vinyl Chloride	1.374	62	68152	50.145	ug/l	99
5) Bromomethane	1.605	94	30711	39.328	ug/l	96
6) Chloroethane	1.685	64	42004	49.991	ug/l	98
7) Trichlorofluoromethane	1.886	101	99377	45.089	ug/l	99
8) Diethyl Ether	2.130	74	39373	54.558	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	68033	53.511	ug/l	94
10) Methyl Iodide	2.453	142	97023	54.445	ug/l	92
11) Tert butyl alcohol	2.947	59	65455	223.052	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	62195	47.644	ug/l	90
13) Acrolein	2.233	56	63906	236.028	ug/l	99
14) Allyl chloride	2.660	41	115590	46.946	ug/l	88
15) Acrylonitrile	3.056	53	190436	246.582	ug/l	100
16) Acetone	2.373	43	170289	278.819	ug/l	94
17) Carbon Disulfide	2.514	76	131572	40.196	ug/l	100
18) Methyl Acetate	2.697	43	116323	49.342	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	219546	48.423	ug/l	99
20) Methylene Chloride	2.788	84	75521	51.492	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	68727	45.035	ug/l	99
22) Diisopropyl ether	3.751	45	236466	47.734	ug/l	94
23) Vinyl Acetate	3.715	43	891412	239.032	ug/l	98
24) 1,1-Dichloroethane	3.605	63	128120	47.271	ug/l	98
25) 2-Butanone	4.544	43	257027	232.873	ug/l	95
26) 2,2-Dichloropropane	4.471	77	93421	48.120	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	85306	48.621	ug/l	96
28) Bromochloromethane	4.891	49	59937	48.549	ug/l	94
29) Tetrahydrofuran	4.989	42	164757	236.844	ug/l	98
30) Chloroform	5.086	83	132243	47.639	ug/l	100
31) Cyclohexane	5.464	56	106334	42.778	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	113368	47.833	ug/l	98
36) 1,1-Dichloropropene	5.684	75	93014	45.810	ug/l	98
37) Ethyl Acetate	4.696	43	98952	51.140	ug/l	99
38) Carbon Tetrachloride	5.672	117	102329	48.660	ug/l	99
39) Methylcyclohexane	7.379	83	114749	45.763	ug/l	98
40) Benzene	6.031	78	285923	48.312	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	58038	51.870	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98714	47.066	ug/l	98
43) Isopropyl Acetate	6.330	43	158294	49.383	ug/l	98
44) Trichloroethene	7.117	130	85452	51.634	ug/l	96
45) 1,2-Dichloropropane	7.421	63	74625	50.336	ug/l	97
46) Dibromomethane	7.574	93	52005	50.220	ug/l	96
47) Bromodichloromethane	7.818	83	103218	51.721	ug/l	97
48) Methyl methacrylate	7.684	41	80995	50.161	ug/l	97
49) 1,4-Dioxane	7.659	88	29873	836.388	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	504738	256.394	ug/l	99
52) Toluene	8.714	92	188069	49.208	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	105498	52.860	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	118310	52.904	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	77891	51.486	ug/l	99
56) Ethyl methacrylate	9.110	69	115539	54.267	ug/l	97
57) 1,3-Dichloropropane	9.305	76	128967	52.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	267915	255.511	ug/l	98
59) 2-Hexanone	9.427	43	368657	269.057	ug/l	98
60) Dibromochloromethane	9.519	129	89841	57.281	ug/l	99
61) 1,2-Dibromoethane	9.604	107	83844	55.533	ug/l	99
64) Tetrachloroethene	9.269	164	76768	54.012	ug/l	98
65) Chlorobenzene	10.079	112	215293	51.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	83420	54.116	ug/l	99
67) Ethyl Benzene	10.189	91	362113	50.352	ug/l	99
68) m/p-Xylenes	10.299	106	288202	102.456	ug/l	99
69) o-Xylene	10.640	106	142475	51.073	ug/l	100
70) Styrene	10.653	104	243625	53.699	ug/l	99
71) Bromoform	10.799	173	70804	54.814	ug/l #	98
73) Isopropylbenzene	10.963	105	374352	50.515	ug/l	99
74) N-amyl acetate	10.842	43	137078	46.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113993	52.771	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105141m	50.786	ug/l	
77) Bromobenzene	11.195	156	102603	51.346	ug/l	98
78) n-propylbenzene	11.305	91	426622	46.400	ug/l	99
79) 2-Chlorotoluene	11.360	91	251126	50.594	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	315150	46.481	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32780	49.209	ug/l	97
82) 4-Chlorotoluene	11.451	91	289578	50.997	ug/l	98
83) tert-Butylbenzene	11.713	119	326521	48.502	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	311507	48.570	ug/l	98
85) sec-Butylbenzene	11.890	105	404074	50.182	ug/l	100
86) p-Isopropyltoluene	12.006	119	349121	50.643	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	192037	50.440	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	193039	49.773	ug/l	100
89) n-Butylbenzene	12.329	91	286618	50.821	ug/l	100
90) Hexachloroethane	12.536	117	56071	49.446	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	188675	51.356	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22945	49.903	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	138498	55.965	ug/l	100
94) Hexachlorobutadiene	13.725	225	64407	53.130	ug/l	99
95) Naphthalene	13.774	128	386028	54.219	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	135025	54.528	ug/l	99

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

