

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030822\
 Data File : VX027329.D
 Acq On : 08 Mar 2022 13:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 08 15:12:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:10:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	329652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	526677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231126	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	20406	8.831	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	17.660%#
35) Dibromofluoromethane	5.391	113	17577	8.588	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	17.180%#
50) Toluene-d8	8.653	98	66756	8.984	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	17.960%#
62) 4-Bromofluorobenzene	11.085	95	24793	9.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	18.240%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	17008	6.085	ug/l	95
3) Chloromethane	1.295	50	19424	5.538	ug/l	99
4) Vinyl Chloride	1.374	62	19164	4.952	ug/l	99
5) Bromomethane	1.599	94	8199	5.536	ug/l	89
6) Chloroethane	1.679	64	13383	4.275	ug/l	97
7) Trichlorofluoromethane	1.880	101	27631	5.079	ug/l	99
8) Diethyl Ether	2.136	74	10680	4.936	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	18196	5.704	ug/l	100
10) Methyl Iodide	2.453	142	23326	6.997	ug/l	99
11) Tert butyl alcohol	2.971	59	20444	34.908	ug/l	98
12) 1,1-Dichloroethene	2.319	96	16995	5.275	ug/l	96
13) Acrolein	2.233	56	16217	56.869	ug/l	95
14) Allyl chloride	2.660	41	26644	6.230	ug/l	95
15) Acrylonitrile	3.063	53	53979	33.189	ug/l	100
16) Acetone	2.380	43	46320	30.721	ug/l	95
17) Carbon Disulfide	2.508	76	45669	5.427	ug/l	99
18) Methyl Acetate	2.709	43	23342	6.881	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	55939	6.252	ug/l	100
20) Methylene Chloride	2.788	84	19702	5.388	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19373	5.874	ug/l	90
22) Diisopropyl ether	3.764	45	54516	6.392	ug/l #	85
23) Vinyl Acetate	3.721	43	219185	31.791	ug/l	94
24) 1,1-Dichloroethane	3.611	63	32104	5.691	ug/l	98
25) 2-Butanone	4.568	43	70873	34.932	ug/l	94
26) 2,2-Dichloropropane	4.477	77	22008	4.931	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	21847	5.898	ug/l	98
28) Bromochloromethane	4.904	49	13108	5.656	ug/l	98
29) Tetrahydrofuran	5.013	42	46833	37.167	ug/l	93
30) Chloroform	5.093	83	34964	5.712	ug/l	88
31) Cyclohexane	5.471	56	29685	7.247	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	27767	5.449	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24320	5.571	ug/l	95
37) Ethyl Acetate	4.715	43	26366	6.716	ug/l	98
38) Carbon Tetrachloride	5.678	117	25794	5.433	ug/l	95
39) Methylcyclohexane	7.385	83	31213	6.346	ug/l	98
40) Benzene	6.044	78	78257	5.970	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13881	6.528	ug/l	95
42) 1,2-Dichloroethane	6.092	62	25078	5.556	ug/l	100
43) Isopropyl Acetate	6.342	43	39251	6.544	ug/l	98
44) Trichloroethene	7.129	130	21282	5.842	ug/l	94
45) 1,2-Dichloropropane	7.434	63	19181	5.606	ug/l	99
46) Dibromomethane	7.580	93	14086	6.027	ug/l	98
47) Bromodichloromethane	7.824	83	24818	5.279	ug/l	99
48) Methyl methacrylate	7.696	41	19252	6.629	ug/l	92
49) 1,4-Dioxane	7.665	88	11047	142.856	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	135030	36.057	ug/l	95
52) Toluene	8.720	92	49517	6.199	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23257	5.153	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	26371	5.147	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	20246	5.846	ug/l	98
56) Ethyl methacrylate	9.116	69	28885	6.803	ug/l	96
57) 1,3-Dichloropropane	9.311	76	33108	5.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	74576	31.298	ug/l	98
59) 2-Hexanone	9.433	43	103897	37.204	ug/l	94
60) Dibromochloromethane	9.525	129	19573	5.241	ug/l	96
61) 1,2-Dibromoethane	9.610	107	20767	5.891	ug/l	96
64) Tetrachloroethene	9.275	164	18650	6.124	ug/l	93
65) Chlorobenzene	10.080	112	54920	6.298	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18455	5.660	ug/l	97
67) Ethyl Benzene	10.195	91	93533	6.611	ug/l	100
68) m/p-Xylenes	10.305	106	72730	13.592	ug/l	98
69) o-Xylene	10.640	106	36080	7.100	ug/l	99
70) Styrene	10.659	104	58801	6.963	ug/l	99
71) Bromoform	10.805	173	14730	5.651	ug/l #	96
73) Isopropylbenzene	10.964	105	93816	7.256	ug/l	99
74) N-amyl acetate	10.848	43	31904	7.063	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	32422	6.551	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	28134m	6.574	ug/l	
77) Bromobenzene	11.201	156	23157	6.571	ug/l	97
78) n-propylbenzene	11.305	91	101946	6.967	ug/l	99
79) 2-Chlorotoluene	11.366	91	65514	7.154	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79229	7.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	7095	5.568	ug/l #	79
82) 4-Chlorotoluene	11.457	91	72641	6.924	ug/l	98
83) tert-Butylbenzene	11.720	119	77937	7.191	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	79040	7.398	ug/l	99
85) sec-Butylbenzene	11.890	105	95767	7.729	ug/l	99
86) p-Isopropyltoluene	12.012	119	79487	7.088	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	43542	6.748	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	43915	6.574	ug/l	96
89) n-Butylbenzene	12.335	91	63536	6.524	ug/l	98
90) Hexachloroethane	12.543	117	11430	5.124	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	43668	6.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6505	6.655	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	26365	6.878	ug/l	99
94) Hexachlorobutadiene	13.725	225	12356	6.717	ug/l	92
95) Naphthalene	13.780	128	90757	7.739	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27271	6.905	ug/l	95

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

