

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011123\
 Data File : VX033692.D
 Acq On : 11 Jan 2023 12:33
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 11 13:26:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 12:22:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2023
 Supervised By :Mahesh Dadoda 01/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35253	18.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.900%#		
35) Dibromofluoromethane	5.385	113	29238	18.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.100%#		
50) Toluene-d8	8.647	98	107862	18.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.260%#		
62) 4-Bromofluorobenzene	11.079	95	39911	19.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27203	19.484	ug/l	98
3) Chloromethane	1.294	50	24409	14.205	ug/l	100
4) Vinyl Chloride	1.373	62	23411	15.360	ug/l	99
5) Bromomethane	1.617	94	15510	18.198	ug/l	99
6) Chloroethane	1.690	64	17442	19.860	ug/l	98
7) Trichlorofluoromethane	1.892	101	49548	22.979	ug/l	98
8) Diethyl Ether	2.136	74	14568	21.482	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	30087	26.386	ug/l	97
10) Methyl Iodide	2.453	142	40365	20.518	ug/l	97
11) Tert butyl alcohol	3.026	59	31266m	99.588	ug/l	
12) 1,1-Dichloroethene	2.325	96	28718	27.037	ug/l	88
13) Acrolein	2.245	56	33444	161.625	ug/l	99
14) Allyl chloride	2.666	41	53564	20.280	ug/l	99
15) Acrylonitrile	3.068	53	82779	97.478	ug/l	100
16) Acetone	2.404	43	82917	112.514	ug/l	98
17) Carbon Disulfide	2.514	76	73280	21.000	ug/l	99
18) Methyl Acetate	2.709	43	49918	18.844	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	95292	19.170	ug/l	99
20) Methylene Chloride	2.788	84	33575	17.576	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	32101	20.550	ug/l	98
22) Diisopropyl ether	3.757	45	108284	20.348	ug/l	94
23) Vinyl Acetate	3.721	43	406478	99.469	ug/l	100
24) 1,1-Dichloroethane	3.611	63	56628	19.667	ug/l	98
25) 2-Butanone	4.568	43	119345	95.640	ug/l	99
26) 2,2-Dichloropropane	4.477	77	40148	20.169	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	36942	20.390	ug/l	99
28) Bromochloromethane	4.897	49	27378	23.408	ug/l	98
29) Tetrahydrofuran	5.019	42	75539	95.443	ug/l	99
30) Chloroform	5.092	83	60171	20.456	ug/l	96
31) Cyclohexane	5.470	56	54320	20.418	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	50139	19.713	ug/l	98
36) 1,1-Dichloropropene	5.696	75	44660	20.349	ug/l	99
37) Ethyl Acetate	4.714	43	47626	17.604	ug/l	99
38) Carbon Tetrachloride	5.678	117	46587	20.058	ug/l	99
39) Methylcyclohexane	7.378	83	54937	20.048	ug/l	99
40) Benzene	6.037	78	129849	20.243	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26341	19.754	ug/l	99
42) 1,2-Dichloroethane	6.086	62	48039	20.091	ug/l	100
43) Isopropyl Acetate	6.342	43	69880	18.623	ug/l	99
44) Trichloroethene	7.122	130	36810	20.110	ug/l	99
45) 1,2-Dichloropropane	7.433	63	33503	20.275	ug/l	100
46) Dibromomethane	7.580	93	23038	19.914	ug/l	98
47) Bromodichloromethane	7.824	83	45209	20.171	ug/l	99
48) Methyl methacrylate	7.696	41	36995	19.477	ug/l	98
49) 1,4-Dioxane	7.744	88	16453	407.246	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	233798	98.442	ug/l	100
52) Toluene	8.720	92	85357	20.240	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44440	19.864	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50378	20.307	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	33347	20.187	ug/l	97
56) Ethyl methacrylate	9.116	69	48956	19.852	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57626	20.389	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	118587	94.534	ug/l	100
59) 2-Hexanone	9.433	43	171429	97.711	ug/l	100
60) Dibromochloromethane	9.518	129	36621	20.268	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35500	20.318	ug/l	98
64) Tetrachloroethene	9.274	164	32219	19.362	ug/l	98
65) Chlorobenzene	10.079	112	92672	20.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	34299	19.829	ug/l	98
67) Ethyl Benzene	10.195	91	162718	20.146	ug/l	99
68) m/p-Xylenes	10.299	106	129071	40.947	ug/l	99
69) o-Xylene	10.640	106	64037	20.490	ug/l	99
70) Styrene	10.652	104	104545	20.362	ug/l	99
71) Bromoform	10.799	173	27990	20.212	ug/l #	99
73) Isopropylbenzene	10.963	105	164567	19.668	ug/l	99
74) N-amyl acetate	10.841	43	61079	18.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	50958	19.540	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	40772m	18.784	ug/l	
77) Bromobenzene	11.195	156	43361	19.577	ug/l	99
78) n-propylbenzene	11.305	91	187339	19.749	ug/l	99
79) 2-Chlorotoluene	11.366	91	113102	19.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	139561	20.260	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12876	18.005	ug/l	94
82) 4-Chlorotoluene	11.457	91	129801	19.706	ug/l	100
83) tert-Butylbenzene	11.713	119	142359	19.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	138533	20.041	ug/l	98
85) sec-Butylbenzene	11.890	105	172694	20.338	ug/l	100
86) p-Isopropyltoluene	12.006	119	149647	20.624	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	79960	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	80859	20.735	ug/l	99
89) n-Butylbenzene	12.329	91	122490	20.187	ug/l	99
90) Hexachloroethane	12.536	117	23733	20.274	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	79427	20.852	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10037	20.698	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	51742	22.573	ug/l	100
94) Hexachlorobutadiene	13.725	225	25353	21.786	ug/l	99
95) Naphthalene	13.774	128	157163	22.098	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52476	22.564	ug/l	99

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

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