

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029832.D
 Acq On : 28 Jun 2022 16:03
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 29 05:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:28:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	220044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53730	16.091	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.180%#		
35) Dibromofluoromethane	5.391	113	48298	19.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.653	98	187214	19.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.380%#		
62) 4-Bromofluorobenzene	11.085	95	65409	18.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46541	17.604	ug/l	99
3) Chloromethane	1.288	50	50417	16.865	ug/l	96
4) Vinyl Chloride	1.374	62	51727	16.592	ug/l	98
5) Bromomethane	1.611	94	28141	30.958	ug/l	99
6) Chloroethane	1.684	64	27767	16.299	ug/l	96
7) Trichlorofluoromethane	1.886	101	64787	17.918	ug/l	97
8) Diethyl Ether	2.136	74	27107	15.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	44565	17.421	ug/l	99
10) Methyl Iodide	2.453	142	53840	18.107	ug/l	100
11) Tert butyl alcohol	2.989	59	71661	74.334	ug/l	100
12) 1,1-Dichloroethene	2.318	96	46814	17.833	ug/l	89
13) Acrolein	2.239	56	32237	57.817	ug/l	98
14) Allyl chloride	2.666	41	82304	17.197	ug/l	99
15) Acrylonitrile	3.068	53	165867	84.145	ug/l	100
16) Acetone	2.386	43	133814	83.544	ug/l	98
17) Carbon Disulfide	2.514	76	114756	17.145	ug/l	96
18) Methyl Acetate	2.709	43	78608	16.260	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	149234	16.386	ug/l	95
20) Methylene Chloride	2.788	84	53298	16.174	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	48564	17.273	ug/l	95
22) Diisopropyl ether	3.763	45	165807	16.838	ug/l	97
23) Vinyl Acetate	3.727	43	735822	87.881	ug/l	100
24) 1,1-Dichloroethane	3.611	63	86902	16.333	ug/l	98
25) 2-Butanone	4.568	43	229207	84.283	ug/l	98
26) 2,2-Dichloropropane	4.483	77	57639	15.617	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	57934	16.811	ug/l	99
28) Bromochloromethane	4.903	49	33056	15.456	ug/l	99
29) Tetrahydrofuran	5.013	42	152990	84.637	ug/l	100
30) Chloroform	5.098	83	86992	16.756	ug/l	100
31) Cyclohexane	5.470	56	81629	16.897	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	69653	17.363	ug/l	99
36) 1,1-Dichloropropene	5.696	75	64531	17.921	ug/l	99
37) Ethyl Acetate	4.714	43	85078	18.845	ug/l	98
38) Carbon Tetrachloride	5.678	117	56117	19.032	ug/l	96
39) Methylcyclohexane	7.385	83	81922	18.801	ug/l	99
40) Benzene	6.043	78	208678	18.353	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46398	17.987	ug/l	98
42) 1,2-Dichloroethane	6.086	62	63683	17.356	ug/l	98
43) Isopropyl Acetate	6.348	43	130073	18.818	ug/l	99
44) Trichloroethene	7.129	130	53621	18.977	ug/l	98
45) 1,2-Dichloropropane	7.433	63	54454	17.989	ug/l	99
46) Dibromomethane	7.586	93	35917	18.478	ug/l	98
47) Bromodichloromethane	7.824	83	64194	18.562	ug/l	98
48) Methyl methacrylate	7.696	41	62597	18.255	ug/l	98
49) 1,4-Dioxane	7.683	88	29985	363.353	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	436696	95.496	ug/l	100
52) Toluene	8.720	92	127152	18.718	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	67508	18.101	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77275	17.814	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	53242	18.468	ug/l	98
56) Ethyl methacrylate	9.116	69	85276	18.305	ug/l	99
57) 1,3-Dichloropropane	9.311	76	86675	18.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	202396	91.084	ug/l	99
59) 2-Hexanone	9.433	43	339465	95.811	ug/l	100
60) Dibromochloromethane	9.525	129	47607	19.338	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55047	19.276	ug/l	97
64) Tetrachloroethene	9.275	164	41252	20.686	ug/l	96
65) Chlorobenzene	10.079	112	133376	18.435	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	45875	19.469	ug/l	99
67) Ethyl Benzene	10.195	91	242044	18.659	ug/l	98
68) m/p-Xylenes	10.305	106	184702	37.676	ug/l	100
69) o-Xylene	10.646	106	93521	19.156	ug/l	98
70) Styrene	10.658	104	153251	19.094	ug/l	99
71) Bromoform	10.805	173	32151	20.132	ug/l #	98
73) Isopropylbenzene	10.963	105	233336	17.734	ug/l	100
74) N-amyl acetate	10.847	43	114860	17.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87893	16.957	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	74600m	16.561	ug/l	
77) Bromobenzene	11.201	156	54089	18.300	ug/l	98
78) n-propylbenzene	11.305	91	276569	17.463	ug/l	100
79) 2-Chlorotoluene	11.366	91	161425	16.844	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191892	17.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22748	15.493	ug/l	92
82) 4-Chlorotoluene	11.457	91	181343	16.658	ug/l	100
83) tert-Butylbenzene	11.719	119	190328	17.777	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	193968	17.461	ug/l	98
85) sec-Butylbenzene	11.890	105	243507	17.576	ug/l	100
86) p-Isopropyltoluene	12.012	119	194255	17.727	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103547	18.381	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	103412	18.099	ug/l	100
89) n-Butylbenzene	12.335	91	175749	17.167	ug/l	100
90) Hexachloroethane	12.542	117	29907	18.023	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	103208	18.347	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18273	15.740	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	62168	19.041	ug/l	100
94) Hexachlorobutadiene	13.725	225	22275	18.937	ug/l	97
95) Naphthalene	13.780	128	257043	18.670	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63869	19.294	ug/l	99

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

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