

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028004.D
 Acq On : 07 Apr 2022 12:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 09:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58380	55.318	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.640%			
35) Dibromofluoromethane	5.385	113	37783	47.522	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.040%			
50) Toluene-d8	8.647	98	152271	53.676	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.360%			
62) 4-Bromofluorobenzene	11.079	95	61186	50.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	38759	39.394	ug/l	99
3) Chloromethane	1.294	50	32315	42.181	ug/l	99
4) Vinyl Chloride	1.374	62	34011	42.210	ug/l	99
5) Bromomethane	1.599	94	20664	58.430	ug/l	99
6) Chloroethane	1.684	64	21461	45.506	ug/l	96
7) Trichlorofluoromethane	1.886	101	58296	43.426	ug/l	94
8) Diethyl Ether	2.136	74	20137	46.483	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	33205	41.389	ug/l	93
10) Methyl Iodide	2.453	142	35603	37.983	ug/l #	86
11) Tert butyl alcohol	2.959	59	44118	237.261	ug/l	100
12) 1,1-Dichloroethene	2.319	96	29469	39.049	ug/l	87
13) Acrolein	2.233	56	44985	264.584	ug/l	97
14) Allyl chloride	2.666	41	59394	47.562	ug/l #	82
15) Acrylonitrile	3.062	53	102085	228.526	ug/l	97
16) Acetone	2.373	43	109378	289.761	ug/l #	84
17) Carbon Disulfide	2.514	76	77966	49.595	ug/l	99
18) Methyl Acetate	2.703	43	51563	46.987	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	117080	45.377	ug/l	99
20) Methylene Chloride	2.788	84	33844	42.440	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	31276	41.390	ug/l	86
22) Diisopropyl ether	3.763	45	115798	45.124	ug/l	88
23) Vinyl Acetate	3.721	43	538674	239.181	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	64764	44.315	ug/l	97
25) 2-Butanone	4.550	43	156664	228.769	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	52554	44.115	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	37244	42.388	ug/l	85
28) Bromochloromethane	4.897	49	33322	54.128	ug/l #	80
29) Tetrahydrofuran	5.001	42	99363	228.783	ug/l #	83
30) Chloroform	5.092	83	69778	43.969	ug/l	99
31) Cyclohexane	5.470	56	58431	45.670	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	61388	44.056	ug/l	95
36) 1,1-Dichloropropene	5.696	75	48461	41.453	ug/l	96
37) Ethyl Acetate	4.708	43	59327	43.218	ug/l	95
38) Carbon Tetrachloride	5.678	117	52623	41.587	ug/l	98
39) Methylcyclohexane	7.385	83	55341	40.855	ug/l #	88
40) Benzene	6.037	78	133924	41.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	32937	45.643	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	63425	45.924	ug/l	90
43) Isopropyl Acetate	6.342	43	95825	46.332	ug/l #	89
44) Trichloroethene	7.129	130	34436	39.376	ug/l	86
45) 1,2-Dichloropropane	7.427	63	36327	44.533	ug/l	96
46) Dibromomethane	7.586	93	27405	41.819	ug/l #	86
47) Bromodichloromethane	7.824	83	53366	44.387	ug/l	98
48) Methyl methacrylate	7.689	41	48667	46.154	ug/l #	76
49) 1,4-Dioxane	7.659	88	17573	859.999	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	293509	217.586	ug/l	92
52) Toluene	8.720	92	93607	44.678	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	56608	47.318	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60516	46.979	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	39517	47.829	ug/l	94
56) Ethyl methacrylate	9.116	69	63430	48.756	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	60680	42.857	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	165767	270.890	ug/l	100
59) 2-Hexanone	9.433	43	218794	203.234	ug/l	89
60) Dibromochloromethane	9.525	129	41989	49.134	ug/l	96
61) 1,2-Dibromoethane	9.610	107	42476	46.097	ug/l	98
64) Tetrachloroethene	9.275	164	39980	42.003	ug/l	97
65) Chlorobenzene	10.079	112	104855	38.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	39215	39.570	ug/l	99
67) Ethyl Benzene	10.195	91	187679	37.872	ug/l	99
68) m/p-Xylenes	10.305	106	143257	77.108	ug/l	91
69) o-Xylene	10.640	106	69944	38.332	ug/l	97
70) Styrene	10.658	104	119123	39.263	ug/l	97
71) Bromoform	10.799	173	30674	42.007	ug/l #	99
73) Isopropylbenzene	10.963	105	186341	45.265	ug/l	99
74) N-amyl acetate	10.841	43	68662	38.050	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	61229	44.442	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	58180m	44.662	ug/l	
77) Bromobenzene	11.201	156	47553	48.952	ug/l	98
78) n-propylbenzene	11.305	91	226281	46.103	ug/l	99
79) 2-Chlorotoluene	11.366	91	136253	45.073	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	158161	44.769	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	16822	42.813	ug/l	88
82) 4-Chlorotoluene	11.457	91	155412	44.174	ug/l	96
83) tert-Butylbenzene	11.719	119	132199	40.201	ug/l	82
84) 1,2,4-Trimethylbenzene	11.756	105	146282	41.269	ug/l	93
85) sec-Butylbenzene	11.890	105	170589	41.128	ug/l	97
86) p-Isopropyltoluene	12.012	119	139304	40.098	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	71494	39.373	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	72913	38.915	ug/l	95
89) n-Butylbenzene	12.335	91	133646	42.801	ug/l	94
90) Hexachloroethane	12.542	117	22463	42.801	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	70355	39.866	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15630	44.839	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	43212	40.014	ug/l	97
94) Hexachlorobutadiene	13.725	225	18908	37.548	ug/l	92
95) Naphthalene	13.780	128	156101	41.974	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42264	39.804	ug/l	95

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

