

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043298.D
 Acq On : 07 Oct 2024 08:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 01:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	128858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	219669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99121	47.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	5.379	113	73178	48.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.646	98	250123	47.643	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	11.079	95	92768	48.639	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67976	45.352	ug/l	95
3) Chloromethane	1.300	50	67615	43.801	ug/l	99
4) Vinyl Chloride	1.373	62	70022	45.285	ug/l	96
5) Bromomethane	1.599	94	26818	42.453	ug/l	95
6) Chloroethane	1.672	64	27403	47.591	ug/l	99
7) Trichlorofluoromethane	1.873	101	111562	48.289	ug/l	99
8) Diethyl Ether	2.135	74	40703	45.273	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	66388	46.048	ug/l	99
10) Methyl Iodide	2.446	142	83084	45.882	ug/l	96
11) Tert butyl alcohol	2.995	59	97289	242.940	ug/l	99
12) 1,1-Dichloroethene	2.312	96	61478	42.941	ug/l	95
13) Acrolein	2.239	56	75971	200.855	ug/l	96
14) Allyl chloride	2.660	41	109572	46.585	ug/l	99
15) Acrylonitrile	3.068	53	189535	231.783	ug/l	99
16) Acetone	2.385	43	222985	253.728	ug/l	99
17) Carbon Disulfide	2.507	76	146009	41.929	ug/l	98
18) Methyl Acetate	2.702	43	111330	50.498	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	242383	47.322	ug/l	100
20) Methylene Chloride	2.782	84	71361	44.040	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	63888	44.838	ug/l	98
22) Diisopropyl ether	3.763	45	223034	47.144	ug/l	94
23) Vinyl Acetate	3.720	43	1353939	247.650	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129683	47.053	ug/l	99
25) 2-Butanone	4.556	43	285921	237.278	ug/l	99
26) 2,2-Dichloropropane	4.464	77	126572	48.268	ug/l	100
27) cis-1,2-Dichloroethene	4.482	96	82220	46.269	ug/l	100
28) Bromochloromethane	4.897	49	48915	44.986	ug/l	100
29) Tetrahydrofuran	5.001	42	172338	224.504	ug/l	98
30) Chloroform	5.086	83	138437	45.739	ug/l	98
31) Cyclohexane	5.458	56	97661	43.008	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	128482	46.216	ug/l	99
36) 1,1-Dichloropropene	5.683	75	87468	45.703	ug/l	100
37) Ethyl Acetate	4.714	43	108269	47.109	ug/l	99
38) Carbon Tetrachloride	5.665	117	106176	46.864	ug/l	98
39) Methylcyclohexane	7.372	83	108965	45.269	ug/l	98
40) Benzene	6.031	78	266382	45.908	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	58095	48.560	ug/l	98
42) 1,2-Dichloroethane	6.080	62	111524	47.166	ug/l	99
43) Isopropyl Acetate	6.336	43	181031	47.688	ug/l	100
44) Trichloroethene	7.116	130	71503	46.459	ug/l	97
45) 1,2-Dichloropropane	7.427	63	67159	47.163	ug/l	98
46) Dibromomethane	7.579	93	54780	48.008	ug/l	100
47) Bromodichloromethane	7.817	83	110649	49.323	ug/l	99
48) Methyl methacrylate	7.689	41	87991	47.241	ug/l	99
49) 1,4-Dioxane	7.659	88	34232	945.457	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	539576	234.031	ug/l	99
52) Toluene	8.713	92	168234	46.261	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	111457	49.998	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	118272	49.467	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	68298	47.256	ug/l	98
56) Ethyl methacrylate	9.116	69	115805	49.010	ug/l	100
57) 1,3-Dichloropropane	9.305	76	116996	47.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	261761	245.767	ug/l	100
59) 2-Hexanone	9.427	43	414887	237.961	ug/l	99
60) Dibromochloromethane	9.518	129	83089	49.556	ug/l	98
61) 1,2-Dibromoethane	9.610	107	73777	47.512	ug/l	98
64) Tetrachloroethene	9.268	164	61295	47.244	ug/l	96
65) Chlorobenzene	10.079	112	186810	46.472	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	69484	48.884	ug/l	99
67) Ethyl Benzene	10.189	91	328170	47.231	ug/l	99
68) m/p-Xylenes	10.299	106	244400	93.077	ug/l	100
69) o-Xylene	10.640	106	121953	46.739	ug/l	98
70) Styrene	10.652	104	203626	48.155	ug/l	100
71) Bromoform	10.798	173	57890	53.165	ug/l #	99
73) Isopropylbenzene	10.963	105	314968	46.508	ug/l	99
74) N-amyl acetate	10.841	43	149415	46.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	102321	46.378	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	90153m	46.659	ug/l	
77) Bromobenzene	11.195	156	75607	45.875	ug/l	99
78) n-propylbenzene	11.304	91	360141	48.441	ug/l	100
79) 2-Chlorotoluene	11.359	91	219586	45.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	261543	46.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37179	49.869	ug/l	99
82) 4-Chlorotoluene	11.451	91	253269	46.515	ug/l	99
83) tert-Butylbenzene	11.713	119	264834	46.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	262229	46.651	ug/l	97
85) sec-Butylbenzene	11.890	105	326503	47.854	ug/l	100
86) p-Isopropyltoluene	12.006	119	273851	48.108	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	136566	47.039	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	137343	45.885	ug/l	100
89) n-Butylbenzene	12.329	91	239983	50.357	ug/l	99
90) Hexachloroethane	12.536	117	53807	50.401	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	137532	46.321	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	24985	46.384	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	85795	50.123	ug/l	99
94) Hexachlorobutadiene	13.725	225	35310	52.038	ug/l	97
95) Naphthalene	13.774	128	293100	46.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	84304	47.736	ug/l	99

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

