

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043324.D
 Acq On : 08 Oct 2024 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 01:37:49 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 : John Carlone 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	184704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91668	51.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.280%
35) Dibromofluoromethane	5.373	113	66878	52.503	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	8.641	98	226208	51.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	82132	51.215	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57177	45.220	ug/l	97
3) Chloromethane	1.294	50	54981	42.220	ug/l	100
4) Vinyl Chloride	1.374	62	57652	44.198	ug/l	97
5) Bromomethane	1.599	94	22847	42.872	ug/l	100
6) Chloroethane	1.666	64	25931	53.384	ug/l	100
7) Trichlorofluoromethane	1.874	101	91625	47.013	ug/l	94
8) Diethyl Ether	2.136	74	35759	47.148	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	58725	48.284	ug/l	100
10) Methyl Iodide	2.447	142	71168	46.588	ug/l	99
11) Tert butyl alcohol	2.989	59	85923	254.338	ug/l	98
12) 1,1-Dichloroethene	2.313	96	52545	43.507	ug/l	95
13) Acrolein	2.239	56	70256	220.183	ug/l	97
14) Allyl chloride	2.660	41	92626	46.682	ug/l	99
15) Acrylonitrile	3.062	53	166636	241.561	ug/l	99
16) Acetone	2.386	43	169999	229.301	ug/l	100
17) Carbon Disulfide	2.502	76	111604	37.991	ug/l	97
18) Methyl Acetate	2.703	43	99523	53.512	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	209374	48.456	ug/l	100
20) Methylene Chloride	2.782	84	61426	44.937	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	53456	44.473	ug/l	98
22) Diisopropyl ether	3.757	45	195164	48.901	ug/l	97
23) Vinyl Acetate	3.715	43	1177207	254.625	ug/l	100
24) 1,1-Dichloroethane	3.599	63	111330	47.883	ug/l	99
25) 2-Butanone	4.556	43	245143	241.156	ug/l	99
26) 2,2-Dichloropropane	4.465	77	109454	49.479	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	70508	47.035	ug/l	99
28) Bromochloromethane	4.891	49	42852	46.717	ug/l	98
29) Tetrahydrofuran	5.001	42	149794	231.314	ug/l	99
30) Chloroform	5.086	83	120879	47.342	ug/l	100
31) Cyclohexane	5.458	56	84076	43.890	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	110194	46.987	ug/l	99
36) 1,1-Dichloropropene	5.684	75	77391	48.093	ug/l	99
37) Ethyl Acetate	4.708	43	93668	48.471	ug/l	99
38) Carbon Tetrachloride	5.666	117	91013	47.776	ug/l	96
39) Methylcyclohexane	7.373	83	96776	47.816	ug/l	97
40) Benzene	6.025	78	233183	47.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50045	49.750	ug/l	97
42) 1,2-Dichloroethane	6.080	62	97345	48.963	ug/l	99
43) Isopropyl Acetate	6.336	43	156916	49.161	ug/l	100
44) Trichloroethene	7.117	130	60363	46.646	ug/l	97
45) 1,2-Dichloropropane	7.421	63	58340	48.725	ug/l	98
46) Dibromomethane	7.574	93	47205	49.201	ug/l	98
47) Bromodichloromethane	7.818	83	94567	50.134	ug/l	98
48) Methyl methacrylate	7.690	41	76448	48.813	ug/l	99
49) 1,4-Dioxane	7.659	88	30072	987.789	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	477084	246.098	ug/l	100
52) Toluene	8.714	92	144434	47.235	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	94814	50.584	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	98407	48.950	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	59547	49.001	ug/l	99
56) Ethyl methacrylate	9.110	69	100886	50.779	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101267	48.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	247490	276.356	ug/l	100
59) 2-Hexanone	9.427	43	362490	247.266	ug/l	100
60) Dibromochloromethane	9.519	129	69482	49.285	ug/l	99
61) 1,2-Dibromoethane	9.604	107	64125	49.113	ug/l	98
64) Tetrachloroethene	9.269	164	51496	47.314	ug/l	90
65) Chlorobenzene	10.073	112	162999	48.336	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	60391	50.646	ug/l	100
67) Ethyl Benzene	10.189	91	282280	48.429	ug/l	99
68) m/p-Xylenes	10.299	106	209796	95.243	ug/l	99
69) o-Xylene	10.640	106	104447	47.717	ug/l	100
70) Styrene	10.653	104	176853	49.855	ug/l	100
71) Bromoform	10.799	173	44936	49.194	ug/l #	99
73) Isopropylbenzene	10.957	105	275159	48.083	ug/l	99
74) N-amyl acetate	10.842	43	130395	47.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90127	48.344	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79937m	48.961	ug/l	
77) Bromobenzene	11.195	156	65967	47.368	ug/l	99
78) n-propylbenzene	11.299	91	312043	49.670	ug/l	100
79) 2-Chlorotoluene	11.360	91	190853	47.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	231667	49.076	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30745	48.804	ug/l	97
82) 4-Chlorotoluene	11.451	91	221733	48.193	ug/l	100
83) tert-Butylbenzene	11.713	119	232962	47.901	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	229271	48.270	ug/l	98
85) sec-Butylbenzene	11.890	105	285736	49.561	ug/l	99
86) p-Isopropyltoluene	12.006	119	237925	49.464	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119396	48.669	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116570	46.089	ug/l	99
89) n-Butylbenzene	12.329	91	209741	52.084	ug/l	99
90) Hexachloroethane	12.536	117	45488	50.425	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	118672	47.301	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21487	47.207	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	72834	50.357	ug/l	98
94) Hexachlorobutadiene	13.725	225	29283	51.072	ug/l	97
95) Naphthalene	13.774	128	245792	46.227	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73282	49.107	ug/l	99

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

