

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043414.D
 Acq On : 16 Oct 2024 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 17 01:49:17 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 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71325	46.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.140%		
35) Dibromofluoromethane	5.379	113	52598	47.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	8.647	98	175647	45.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.220%		
62) 4-Bromofluorobenzene	11.079	95	68022	48.617	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53108	48.686	ug/l	95
3) Chloromethane	1.294	50	53637	47.743	ug/l	99
4) Vinyl Chloride	1.374	62	55442	49.268	ug/l	96
5) Bromomethane	1.599	94	23572	51.271	ug/l	98
6) Chloroethane	1.666	64	23102	55.128	ug/l	97
7) Trichlorofluoromethane	1.874	101	91064	54.161	ug/l	96
8) Diethyl Ether	2.136	74	32893	50.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	53987	51.453	ug/l	97
10) Methyl Iodide	2.447	142	64883	49.233	ug/l	99
11) Tert butyl alcohol	2.995	59	81324	279.033	ug/l	100
12) 1,1-Dichloroethene	2.313	96	48633	46.676	ug/l	95
13) Acrolein	2.239	56	66801	242.671	ug/l	99
14) Allyl chloride	2.660	41	87685	51.224	ug/l	99
15) Acrylonitrile	3.069	53	149869	251.829	ug/l	99
16) Acetone	2.386	43	180189	281.723	ug/l	99
17) Carbon Disulfide	2.502	76	109679	43.278	ug/l	99
18) Methyl Acetate	2.703	43	77388	48.232	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	194447	52.163	ug/l	98
20) Methylene Chloride	2.782	84	57463	48.727	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51227	49.400	ug/l	97
22) Diisopropyl ether	3.757	45	178619	51.878	ug/l	95
23) Vinyl Acetate	3.715	43	812560	207.325	ug/l	99
24) 1,1-Dichloroethane	3.605	63	102535	51.118	ug/l	99
25) 2-Butanone	4.556	43	230315	262.625	ug/l	98
26) 2,2-Dichloropropane	4.465	77	100516	52.669	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	65150	50.377	ug/l	99
28) Bromochloromethane	4.897	49	33554	42.402	ug/l	99
29) Tetrahydrofuran	5.001	42	138435	247.793	ug/l	99
30) Chloroform	5.086	83	111593	50.661	ug/l	99
31) Cyclohexane	5.458	56	82113	49.687	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	101184	50.011	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72058	51.325	ug/l	98
37) Ethyl Acetate	4.715	43	85895	50.947	ug/l	99
38) Carbon Tetrachloride	5.666	117	85100	51.203	ug/l	100
39) Methylcyclohexane	7.373	83	92630	52.459	ug/l	97
40) Benzene	6.031	78	215073	50.527	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46851	53.383	ug/l	99
42) 1,2-Dichloroethane	6.080	62	91204	52.580	ug/l	100
43) Isopropyl Acetate	6.336	43	146540	52.622	ug/l	99
44) Trichloroethene	7.117	130	55885	49.499	ug/l	93
45) 1,2-Dichloropropane	7.427	63	54374	52.052	ug/l	95
46) Dibromomethane	7.574	93	43908	52.455	ug/l	98
47) Bromodichloromethane	7.818	83	86515	52.571	ug/l	99
48) Methyl methacrylate	7.690	41	72310	52.921	ug/l	97
49) 1,4-Dioxane	7.659	88	26383	993.312	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	437759	258.826	ug/l	100
52) Toluene	8.714	92	138331	51.852	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88322	54.009	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	93371	53.235	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	54957	51.835	ug/l	99
56) Ethyl methacrylate	9.116	69	93354	53.857	ug/l	100
57) 1,3-Dichloropropane	9.305	76	94399	52.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	203100	259.945	ug/l	99
59) 2-Hexanone	9.427	43	336720	263.267	ug/l	100
60) Dibromochloromethane	9.519	129	63562	51.677	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59162	51.937	ug/l	99
64) Tetrachloroethene	9.269	164	49321	50.993	ug/l	96
65) Chlorobenzene	10.079	112	152173	50.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55602	52.472	ug/l	100
67) Ethyl Benzene	10.189	91	270976	52.315	ug/l	100
68) m/p-Xylenes	10.299	106	200315	102.333	ug/l	98
69) o-Xylene	10.640	106	98924	50.857	ug/l	100
70) Styrene	10.653	104	166238	52.735	ug/l	99
71) Bromoform	10.799	173	40856	50.332	ug/l #	98
73) Isopropylbenzene	10.957	105	259419	50.218	ug/l	99
74) N-amyl acetate	10.842	43	122186	49.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84153	50.005	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72972m	49.512	ug/l	
77) Bromobenzene	11.195	156	60624	48.223	ug/l	97
78) n-propylbenzene	11.305	91	296915	52.356	ug/l	99
79) 2-Chlorotoluene	11.360	91	180881	49.612	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218652	51.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28093	49.400	ug/l	95
82) 4-Chlorotoluene	11.451	91	209641	50.476	ug/l	100
83) tert-Butylbenzene	11.713	119	218480	49.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	217600	50.750	ug/l	98
85) sec-Butylbenzene	11.890	105	268809	51.650	ug/l	99
86) p-Isopropyltoluene	12.006	119	225111	51.844	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112132	50.634	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	111791	48.963	ug/l	99
89) n-Butylbenzene	12.329	91	197202	54.248	ug/l	99
90) Hexachloroethane	12.536	117	40832	50.142	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	111521	49.241	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20050	48.797	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	68848	52.731	ug/l	100
94) Hexachlorobutadiene	13.725	225	27731	53.577	ug/l	98
95) Naphthalene	13.774	128	240436	50.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68977	51.204	ug/l	98

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

