

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043583.D
 Acq On : 29 Oct 2024 09:29
 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 30 01:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	185040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	317661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130985	44.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.780%		
35) Dibromofluoromethane	5.373	113	109730	50.941	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	8.647	98	400238	53.676	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.360%		
62) 4-Bromofluorobenzene	11.079	95	149677	54.171	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96192	48.609	ug/l	98
3) Chloromethane	1.294	50	110441	43.659	ug/l	99
4) Vinyl Chloride	1.374	62	113522	48.354	ug/l	98
5) Bromomethane	1.593	94	43728	45.689	ug/l	98
6) Chloroethane	1.666	64	38745	46.843	ug/l	96
7) Trichlorofluoromethane	1.861	101	140504	48.990	ug/l	100
8) Diethyl Ether	2.136	74	59968	45.254	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	100354	51.739	ug/l	97
10) Methyl Iodide	2.440	142	135379	48.310	ug/l	98
11) Tert butyl alcohol	3.014	59	122889	223.146	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	99213	50.054	ug/l	95
13) Acrolein	2.239	56	93394	216.855	ug/l	97
14) Allyl chloride	2.654	41	163297	47.632	ug/l	96
15) Acrylonitrile	3.062	53	262619	211.215	ug/l	100
16) Acetone	2.386	43	274914	234.636	ug/l	97
17) Carbon Disulfide	2.495	76	212014	51.153	ug/l	99
18) Methyl Acetate	2.703	43	136121	39.751	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	335598	44.520	ug/l	97
20) Methylene Chloride	2.782	84	111138	44.012	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	102634	49.012	ug/l	98
22) Diisopropyl ether	3.757	45	321130	45.317	ug/l	98
23) Vinyl Acetate	3.715	43	1362160	232.674	ug/l	99
24) 1,1-Dichloroethane	3.599	63	190272	46.716	ug/l	99
25) 2-Butanone	4.556	43	373244	218.384	ug/l	99
26) 2,2-Dichloropropane	4.464	77	170610	51.174	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	127185	47.546	ug/l	100
28) Bromochloromethane	4.891	49	85552	44.155	ug/l	99
29) Tetrahydrofuran	5.001	42	226140	203.602	ug/l	98
30) Chloroform	5.086	83	197102	46.165	ug/l	99
31) Cyclohexane	5.458	56	160445	51.504	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	175486	48.957	ug/l	99
36) 1,1-Dichloropropene	5.684	75	132757	51.976	ug/l	98
37) Ethyl Acetate	4.708	43	138087	44.531	ug/l	98
38) Carbon Tetrachloride	5.665	117	148021	52.449	ug/l	98
39) Methylcyclohexane	7.372	83	182236	57.467	ug/l	97
40) Benzene	6.025	78	423307	49.678	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	78897	48.472	ug/l	98
42) 1,2-Dichloroethane	6.080	62	143431	46.823	ug/l	99
43) Isopropyl Acetate	6.336	43	234002	45.631	ug/l	98
44) Trichloroethene	7.116	130	111507	52.676	ug/l	91
45) 1,2-Dichloropropane	7.427	63	103879	49.511	ug/l	100
46) Dibromomethane	7.574	93	77712	48.105	ug/l	98
47) Bromodichloromethane	7.818	83	146531	51.705	ug/l	97
48) Methyl methacrylate	7.689	41	113890	46.843	ug/l	97
49) 1,4-Dioxane	7.665	88	47931m	959.544	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	716488	229.232	ug/l	99
52) Toluene	8.714	92	271357	52.511	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	155688	51.148	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	170511	52.575	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	104415	48.542	ug/l	99
56) Ethyl methacrylate	9.116	69	171964	49.201	ug/l	96
57) 1,3-Dichloropropane	9.305	76	176717	49.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	369838	218.483	ug/l	97
59) 2-Hexanone	9.433	43	559686	235.767	ug/l	98
60) Dibromochloromethane	9.518	129	113810	53.432	ug/l	100
61) 1,2-Dibromoethane	9.604	107	109821	49.183	ug/l	97
64) Tetrachloroethene	9.268	164	92204	52.901	ug/l	98
65) Chlorobenzene	10.079	112	302575	50.750	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	103710	53.255	ug/l	99
67) Ethyl Benzene	10.189	91	515530	53.028	ug/l	99
68) m/p-Xylenes	10.299	106	401855	108.089	ug/l	97
69) o-Xylene	10.640	106	196198	52.523	ug/l	99
70) Styrene	10.652	104	336072	54.130	ug/l	99
71) Bromoform	10.799	173	73381	52.407	ug/l #	98
73) Isopropylbenzene	10.963	105	507198	52.592	ug/l	99
74) N-amyl acetate	10.841	43	216499	46.083	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	160157	46.182	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	131796m	45.276	ug/l	
77) Bromobenzene	11.195	156	126219	50.686	ug/l	98
78) n-propylbenzene	11.305	91	571565	54.356	ug/l	100
79) 2-Chlorotoluene	11.360	91	350419	50.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	427235	53.132	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	52521	49.635	ug/l	94
82) 4-Chlorotoluene	11.451	91	399821	51.088	ug/l	97
83) tert-Butylbenzene	11.713	119	436382	53.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	437441	53.380	ug/l	99
85) sec-Butylbenzene	11.890	105	528903	55.177	ug/l	99
86) p-Isopropyltoluene	12.006	119	451954	55.469	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	232425	52.073	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	230728	49.888	ug/l	99
89) n-Butylbenzene	12.329	91	387771	58.406	ug/l	99
90) Hexachloroethane	12.536	117	75311	56.903	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	231234	50.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31951	45.194	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	148966	53.771	ug/l	97
94) Hexachlorobutadiene	13.725	225	58808	57.574	ug/l	99
95) Naphthalene	13.774	128	532111	50.193	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	152724	52.286	ug/l	100

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

