

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043554.D
 Acq On : 26 Oct 2024 06:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 26 07:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	140282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115992	52.124	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.240%			
35) Dibromofluoromethane	5.385	113	89247	50.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	8.647	98	291361	47.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.940%			
62) 4-Bromofluorobenzene	11.079	95	110014	49.072	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69233	44.275	ug/l	98
3) Chloromethane	1.294	50	98941	49.597	ug/l	99
4) Vinyl Chloride	1.374	62	93453	51.429	ug/l	98
5) Bromomethane	1.593	94	36560	51.512	ug/l	98
6) Chloroethane	1.660	64	34136	57.411	ug/l	100
7) Trichlorofluoromethane	1.861	101	109696	45.997	ug/l	99
8) Diethyl Ether	2.136	74	55465	53.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	65649	43.611	ug/l	97
10) Methyl Iodide	2.440	142	117186	56.216	ug/l	99
11) Tert butyl alcohol	3.014	59	124907	262.804	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	74144	50.098	ug/l	97
13) Acrolein	2.239	56	90899	242.706	ug/l	98
14) Allyl chloride	2.654	41	136109	51.827	ug/l	99
15) Acrylonitrile	3.068	53	267438	254.014	ug/l	99
16) Acetone	2.392	43	231264	243.468	ug/l	99
17) Carbon Disulfide	2.501	76	157467	51.402	ug/l	100
18) Methyl Acetate	2.709	43	140075	49.067	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	314096	54.545	ug/l	99
20) Methylene Chloride	2.782	84	100689	54.242	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	82297	51.362	ug/l	98
22) Diisopropyl ether	3.763	45	298757	55.117	ug/l	94
23) Vinyl Acetate	3.721	43	1263951	282.263	ug/l	100
24) 1,1-Dichloroethane	3.605	63	165131	54.009	ug/l	99
25) 2-Butanone	4.562	43	366381	253.958	ug/l	99
26) 2,2-Dichloropropane	4.471	77	88371	40.103	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	107680	53.938	ug/l	97
28) Bromochloromethane	4.897	49	77806	51.440	ug/l	99
29) Tetrahydrofuran	5.007	42	237396	252.013	ug/l	100
30) Chloroform	5.092	83	174298	53.309	ug/l	99
31) Cyclohexane	5.464	56	105539	43.507	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	139326	50.708	ug/l	99
36) 1,1-Dichloropropene	5.690	75	97248	46.418	ug/l	99
37) Ethyl Acetate	4.714	43	142014	49.667	ug/l	99
38) Carbon Tetrachloride	5.672	117	109573	46.026	ug/l	95
39) Methylcyclohexane	7.379	83	112720	41.954	ug/l	97
40) Benzene	6.031	78	350999	50.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	77603	53.957	ug/l	98
42) 1,2-Dichloroethane	6.086	62	135744	52.692	ug/l	99
43) Isopropyl Acetate	6.342	43	230628	50.989	ug/l	99
44) Trichloroethene	7.123	130	84506	50.894	ug/l	94
45) 1,2-Dichloropropane	7.427	63	90438	52.880	ug/l	99
46) Dibromomethane	7.574	93	69490	52.892	ug/l	99
47) Bromodichloromethane	7.818	83	127180	54.567	ug/l	98
48) Methyl methacrylate	7.696	41	112382	53.220	ug/l	98
49) 1,4-Dioxane	7.665	88	54645	1007.226	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	738333	257.625	ug/l	100
52) Toluene	8.720	92	209773	48.583	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	126747	53.736	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	137321	53.014	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	94779	52.016	ug/l	98
56) Ethyl methacrylate	9.116	69	160355	54.456	ug/l	98
57) 1,3-Dichloropropane	9.305	76	158487	52.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	393856	271.906	ug/l	99
59) 2-Hexanone	9.433	43	561857	259.275	ug/l	100
60) Dibromochloromethane	9.518	129	96943	56.860	ug/l	99
61) 1,2-Dibromoethane	9.610	107	98067	53.389	ug/l	98
64) Tetrachloroethene	9.269	164	68001	48.015	ug/l	98
65) Chlorobenzene	10.079	112	238305	50.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	84503	53.159	ug/l	99
67) Ethyl Benzene	10.189	91	381490	48.726	ug/l	99
68) m/p-Xylenes	10.299	106	291075	98.129	ug/l	100
69) o-Xylene	10.640	106	151508	49.688	ug/l	100
70) Styrene	10.652	104	264438	53.583	ug/l	99
71) Bromoform	10.799	173	63449	49.570	ug/l #	97
73) Isopropylbenzene	10.963	105	358900	45.471	ug/l	100
74) N-amyl acetate	10.841	43	209153	52.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	150335	49.720	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	124012m	48.309	ug/l	
77) Bromobenzene	11.195	156	99771	49.516	ug/l	99
78) n-propylbenzene	11.305	91	395857	47.060	ug/l	100
79) 2-Chlorotoluene	11.360	91	262667	46.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	308128	47.018	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	41087	44.591	ug/l	97
82) 4-Chlorotoluene	11.451	91	295980	47.386	ug/l	97
83) tert-Butylbenzene	11.713	119	308606	46.177	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	318441	47.510	ug/l	99
85) sec-Butylbenzene	11.890	105	361617	46.720	ug/l	99
86) p-Isopropyltoluene	12.006	119	309611	48.282	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	170267	47.094	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	172593	47.357	ug/l	100
89) n-Butylbenzene	12.329	91	252029	48.480	ug/l	99
90) Hexachloroethane	12.536	117	50478	48.660	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	181816	48.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31902	49.588	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	106215	48.654	ug/l	97
94) Hexachlorobutadiene	13.725	225	35564	46.032	ug/l	97
95) Naphthalene	13.774	128	457420	51.062	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	114967	50.334	ug/l	99

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

