

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110124\
 Data File : VX043654.D
 Acq On : 01 Nov 2024 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 06:07:49 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 :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	184271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	311909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124973	42.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.060%		
35) Dibromofluoromethane	5.379	113	110167	52.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.180%		
50) Toluene-d8	8.647	98	392719	53.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.280%		
62) 4-Bromofluorobenzene	11.079	95	146765	54.097	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89159	45.243	ug/l	96
3) Chloromethane	1.294	50	104782	41.595	ug/l	100
4) Vinyl Chloride	1.374	62	105897	45.295	ug/l	98
5) Bromomethane	1.593	94	44341	46.523	ug/l	95
6) Chloroethane	1.666	64	49143	59.663	ug/l	100
7) Trichlorofluoromethane	1.868	101	150838	52.812	ug/l	98
8) Diethyl Ether	2.130	74	61052	46.265	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	106137	54.949	ug/l	96
10) Methyl Iodide	2.441	142	140559	50.368	ug/l	96
11) Tert butyl alcohol	3.081	59	10783	19.662	ug/l #	100
12) 1,1-Dichloroethene	2.306	96	99876	50.599	ug/l	94
13) Acrolein	2.233	56	88753	206.939	ug/l	100
14) Allyl chloride	2.654	41	163401	47.861	ug/l	94
15) Acrylonitrile	3.062	53	293215	236.806	ug/l	98
16) Acetone	2.386	43	253028	216.858	ug/l	94
17) Carbon Disulfide	2.502	76	198209	48.021	ug/l	98
18) Methyl Acetate	2.703	43	149833	43.938	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	346107	46.106	ug/l	98
20) Methylene Chloride	2.782	84	112831	44.869	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	101778	48.806	ug/l	94
22) Diisopropyl ether	3.757	45	325579	46.137	ug/l	97
23) Vinyl Acetate	3.715	43	1377565	236.287	ug/l	98
24) 1,1-Dichloroethane	3.599	63	190237	46.903	ug/l	100
25) 2-Butanone	4.562	43	383123	225.100	ug/l	97
26) 2,2-Dichloropropane	4.465	77	169739	51.125	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	130016	48.807	ug/l	97
28) Bromochloromethane	4.891	49	85986	44.564	ug/l	96
29) Tetrahydrofuran	5.001	42	244575	221.119	ug/l	95
30) Chloroform	5.086	83	198350	46.651	ug/l	98
31) Cyclohexane	5.458	56	155509	50.128	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	173995	48.744	ug/l	97
36) 1,1-Dichloropropene	5.684	75	130855	52.176	ug/l	98
37) Ethyl Acetate	4.715	43	146225	48.025	ug/l	97
38) Carbon Tetrachloride	5.672	117	145915	52.656	ug/l	98
39) Methylcyclohexane	7.373	83	177592	57.035	ug/l	99
40) Benzene	6.031	78	424771	50.770	ug/l	100

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 Supervised By :Semsettin Yesilyurt 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82286	51.486	ug/l	95
42) 1,2-Dichloroethane	6.080	62	141390	47.007	ug/l	97
43) Isopropyl Acetate	6.336	43	246122	48.879	ug/l	98
44) Trichloroethene	7.117	130	111682	53.732	ug/l	100
45) 1,2-Dichloropropane	7.428	63	105308	51.118	ug/l	99
46) Dibromomethane	7.580	93	77166	48.647	ug/l	94
47) Bromodichloromethane	7.818	83	148380	53.323	ug/l	98
48) Methyl methacrylate	7.690	41	118024	49.438	ug/l	94
49) 1,4-Dioxane	7.665	88	40518	826.100	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	771456	251.370	ug/l	97
52) Toluene	8.714	92	268281	52.873	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	158896	53.164	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	175635	55.153	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	110078	52.119	ug/l	97
56) Ethyl methacrylate	9.116	69	179869	52.411	ug/l	93
57) 1,3-Dichloropropane	9.305	76	182205	51.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	402010	241.868	ug/l	96
59) 2-Hexanone	9.427	43	589950	253.099	ug/l	97
60) Dibromochloromethane	9.519	129	120265	57.504	ug/l	99
61) 1,2-Dibromoethane	9.610	107	114183	52.080	ug/l	98
64) Tetrachloroethene	9.269	164	96917	56.059	ug/l	96
65) Chlorobenzene	10.079	112	310281	52.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	106421	55.093	ug/l	99
67) Ethyl Benzene	10.189	91	517519	53.667	ug/l	99
68) m/p-Xylenes	10.299	106	407339	110.458	ug/l	94
69) o-Xylene	10.640	106	203612	54.953	ug/l	95
70) Styrene	10.653	104	341416	55.439	ug/l	98
71) Bromoform	10.799	173	78778	56.720	ug/l #	96
73) Isopropylbenzene	10.963	105	518995	55.815	ug/l	99
74) N-amyl acetate	10.842	43	222858	49.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	167931	50.224	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140080m	49.910	ug/l	
77) Bromobenzene	11.195	156	131529	54.781	ug/l	95
78) n-propylbenzene	11.305	91	582316	57.437	ug/l	98
79) 2-Chlorotoluene	11.360	91	355946	52.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	437540	56.435	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	55310	54.214	ug/l	89
82) 4-Chlorotoluene	11.451	91	410882	54.453	ug/l	97
83) tert-Butylbenzene	11.713	119	451377	57.246	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	441184	55.838	ug/l	99
85) sec-Butylbenzene	11.890	105	550106	59.522	ug/l	99
86) p-Isopropyltoluene	12.006	119	461808	58.784	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	240649	55.919	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	236239	52.978	ug/l	99
89) n-Butylbenzene	12.329	91	398665	62.278	ug/l	99
90) Hexachloroethane	12.536	117	78103	61.206	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	235299	53.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33206	48.714	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	152224	56.989	ug/l	99
94) Hexachlorobutadiene	13.725	225	59543	60.460	ug/l	99
95) Naphthalene	13.774	128	550014	53.809	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	156157	55.448	ug/l	98

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

