

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042834.D
 Acq On : 02 Aug 2024 08:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 09:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/03/2024
 Supervised By :Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	84066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68053	50.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.780%			
35) Dibromofluoromethane	5.391	113	51388	48.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.646	98	177802	46.659	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.320%			
62) 4-Bromofluorobenzene	11.079	95	65578	47.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	68904	51.722	ug/l	100
3) Chloromethane	1.300	50	52244	50.833	ug/l	98
4) Vinyl Chloride	1.373	62	50967	48.879	ug/l	99
5) Bromomethane	1.599	94	16847	46.893	ug/l	95
6) Chloroethane	1.666	64	18146	48.202	ug/l	100
7) Trichlorofluoromethane	1.867	101	70162	50.137	ug/l	100
8) Diethyl Ether	2.135	74	28289	53.054	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	53559	50.738	ug/l	98
10) Methyl Iodide	2.446	142	58878	58.276	ug/l	94
11) Tert butyl alcohol	2.995	59	68671	273.770	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	51958	50.782	ug/l	84
13) Acrolein	2.239	56	61925	234.926	ug/l	98
14) Allyl chloride	2.660	41	64261	48.850	ug/l #	95
15) Acrylonitrile	3.074	53	148211	267.167	ug/l	99
16) Acetone	2.391	43	131877	268.905	ug/l	94
17) Carbon Disulfide	2.501	76	110278	47.777	ug/l	99
18) Methyl Acetate	2.708	43	76086	61.817	ug/l #	91
19) Methyl tert-butyl Ether	3.123	73	181306	53.450	ug/l	96
20) Methylene Chloride	2.788	84	59911	53.164	ug/l #	89
21) trans-1,2-Dichloroethene	3.086	96	53400	50.581	ug/l	89
22) Diisopropyl ether	3.769	45	149612	53.055	ug/l #	83
23) Vinyl Acetate	3.727	43	654770	267.092	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	97386	53.165	ug/l	98
25) 2-Butanone	4.568	43	195424	271.213	ug/l #	86
26) 2,2-Dichloropropane	4.476	77	29666	18.922	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	63352	51.334	ug/l	83
28) Bromochloromethane	4.897	49	33794	51.467	ug/l #	80
29) Tetrahydrofuran	5.013	42	121596	270.923	ug/l #	84
30) Chloroform	5.098	83	107524	52.790	ug/l	92
31) Cyclohexane	5.464	56	76841	51.636	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	95827	52.970	ug/l	97
36) 1,1-Dichloropropene	5.690	75	67943	49.904	ug/l	98
37) Ethyl Acetate	4.726	43	74166	53.365	ug/l	96
38) Carbon Tetrachloride	5.671	117	81531	51.962	ug/l	95
39) Methylcyclohexane	7.378	83	83388	48.877	ug/l	91
40) Benzene	6.037	78	215038	50.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	41345	56.255	ug/l	91
42) 1,2-Dichloroethane	6.086	62	82633	53.553	ug/l	97
43) Isopropyl Acetate	6.348	43	116410	53.551	ug/l #	94
44) Trichloroethene	7.122	130	52991	47.381	ug/l	98
45) 1,2-Dichloropropane	7.433	63	49819	52.004	ug/l	99
46) Dibromomethane	7.580	93	40454	49.584	ug/l	97
47) Bromodichloromethane	7.823	83	76274	51.267	ug/l	95
48) Methyl methacrylate	7.695	41	58210	54.465	ug/l #	86
49) 1,4-Dioxane	7.665	88	26613	992.927	ug/l #	91
51) 4-Methyl-2-Pentanone	8.579	43	368316	255.823	ug/l	93
52) Toluene	8.720	92	132062	47.646	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63233	42.902	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	70176	44.821	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	51798	46.205	ug/l	95
56) Ethyl methacrylate	9.116	69	83890	51.669	ug/l	90
57) 1,3-Dichloropropane	9.311	76	85667	48.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	199081	266.229	ug/l	93
59) 2-Hexanone	9.433	43	281770	252.372	ug/l	92
60) Dibromochloromethane	9.524	129	55988	49.307	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54456	48.958	ug/l	97
64) Tetrachloroethene	9.274	164	46826	51.799	ug/l	99
65) Chlorobenzene	10.079	112	142583	48.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	50510	51.313	ug/l	99
67) Ethyl Benzene	10.195	91	249519	50.367	ug/l	99
68) m/p-Xylenes	10.299	106	193819	102.408	ug/l	98
69) o-Xylene	10.640	106	94574	50.542	ug/l	99
70) Styrene	10.652	104	159879	50.556	ug/l	99
71) Bromoform	10.799	173	36613	49.784	ug/l #	99
73) Isopropylbenzene	10.963	105	243167	50.243	ug/l	98
74) N-amyl acetate	10.841	43	95539	51.353	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	80719	48.327	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	72673m	50.278	ug/l	
77) Bromobenzene	11.195	156	56936	47.503	ug/l	94
78) n-propylbenzene	11.305	91	275676	51.084	ug/l	100
79) 2-Chlorotoluene	11.365	91	171571	48.849	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	205862	49.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17926	36.707	ug/l	94
82) 4-Chlorotoluene	11.451	91	195189	48.974	ug/l	98
83) tert-Butylbenzene	11.713	119	206139	49.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	211471	51.074	ug/l	99
85) sec-Butylbenzene	11.890	105	249858	49.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	210262	49.290	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105554	47.214	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	106016	47.208	ug/l	99
89) n-Butylbenzene	12.335	91	170579	48.868	ug/l	99
90) Hexachloroethane	12.536	117	37158	49.170	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106024	47.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19649	52.870	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	60315	47.512	ug/l	98
94) Hexachlorobutadiene	13.725	225	23903	43.359	ug/l	100
95) Naphthalene	13.774	128	232905	48.079	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62749	48.089	ug/l	99

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

