

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041094.D
 Acq On : 16 Apr 2024 10:34
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:39:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111027	50.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.385	113	96721	52.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.647	98	339883	52.233	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.079	95	130540	52.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	78002	48.710	ug/l	99
3) Chloromethane	1.301	50	87034	48.904	ug/l	97
4) Vinyl Chloride	1.374	62	100845	49.438	ug/l	100
5) Bromomethane	1.599	94	65567	51.271	ug/l	99
6) Chloroethane	1.685	64	66459	49.361	ug/l	98
7) Trichlorofluoromethane	1.886	101	159520	49.823	ug/l	100
8) Diethyl Ether	2.136	74	61453	48.910	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	90017	48.364	ug/l	87
10) Methyl Iodide	2.453	142	102751	52.552	ug/l	91
11) Tert butyl alcohol	2.959	59	108589	254.650	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	87064	48.861	ug/l	87
13) Acrolein	2.239	56	138724	258.676	ug/l	99
14) Allyl chloride	2.666	41	147980	51.350	ug/l	95
15) Acrylonitrile	3.062	53	275316	260.763	ug/l	99
16) Acetone	2.380	43	229773	250.793	ug/l	93
17) Carbon Disulfide	2.514	76	191753	47.275	ug/l	99
18) Methyl Acetate	2.703	43	118849	51.960	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	288407	52.366	ug/l	98
20) Methylene Chloride	2.788	84	95481	48.840	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	90330	49.420	ug/l	87
22) Diisopropyl ether	3.764	45	289365	52.431	ug/l	90
23) Vinyl Acetate	3.721	43	1350740	270.059	ug/l	96
24) 1,1-Dichloroethane	3.611	63	164052	50.770	ug/l	97
25) 2-Butanone	4.556	43	380819	264.549	ug/l	95
26) 2,2-Dichloropropane	4.477	77	130715	50.964	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	110644	50.107	ug/l	89
28) Bromochloromethane	4.897	49	68350	54.734	ug/l	# 74
29) Tetrahydrofuran	5.001	42	250568	262.930	ug/l	94
30) Chloroform	5.099	83	176757	50.341	ug/l	100
31) Cyclohexane	5.471	56	129607	48.000	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	155418	50.437	ug/l	98
36) 1,1-Dichloropropene	5.696	75	115419	49.074	ug/l	95
37) Ethyl Acetate	4.715	43	146884	52.296	ug/l	99
38) Carbon Tetrachloride	5.678	117	137420	50.390	ug/l	99
39) Methylcyclohexane	7.379	83	147391	49.944	ug/l	92
40) Benzene	6.038	78	363441	50.622	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81332	55.254	ug/l	95
42) 1,2-Dichloroethane	6.086	62	131665	51.179	ug/l	95
43) Isopropyl Acetate	6.336	43	221972	53.220	ug/l	97
44) Trichloroethene	7.123	130	104038	48.789	ug/l	86
45) 1,2-Dichloropropane	7.428	63	89624	52.573	ug/l	99
46) Dibromomethane	7.580	93	69648	51.961	ug/l #	76
47) Bromodichloromethane	7.824	83	138123	52.940	ug/l	97
48) Methyl methacrylate	7.690	41	113066	55.538	ug/l	93
49) 1,4-Dioxane	7.659	88	54190	1139.104	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	771343	272.235	ug/l	97
52) Toluene	8.720	92	243670	51.993	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	135535	54.161	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	148634	54.064	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	99299	52.770	ug/l	98
56) Ethyl methacrylate	9.116	69	155320	51.083	ug/l	95
57) 1,3-Dichloropropane	9.305	76	160607	52.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	362534	273.942	ug/l	92
59) 2-Hexanone	9.427	43	600495	273.971	ug/l	95
60) Dibromochloromethane	9.519	129	123731	54.361	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106461	51.794	ug/l	100
64) Tetrachloroethene	9.275	164	102577	49.192	ug/l	92
65) Chlorobenzene	10.079	112	286671	49.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	105055	53.019	ug/l	98
67) Ethyl Benzene	10.195	91	464848	51.430	ug/l	97
68) m/p-Xylenes	10.299	106	375512	104.453	ug/l	91
69) o-Xylene	10.640	106	183186	52.346	ug/l	92
70) Styrene	10.653	104	318899	53.666	ug/l	94
71) Bromoform	10.799	173	101695	54.491	ug/l #	99
73) Isopropylbenzene	10.963	105	476526	52.203	ug/l	96
74) N-amyl acetate	10.842	43	201143	55.547	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	156049	52.097	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	130373m	51.697	ug/l	
77) Bromobenzene	11.195	156	138068	51.520	ug/l	77
78) n-propylbenzene	11.305	91	540084	52.760	ug/l	96
79) 2-Chlorotoluene	11.366	91	321869	51.579	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	402765	52.968	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47933	49.181	ug/l	93
82) 4-Chlorotoluene	11.451	91	377952	52.017	ug/l	91
83) tert-Butylbenzene	11.713	119	429659	52.981	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	406511	53.568	ug/l	94
85) sec-Butylbenzene	11.890	105	511862	52.603	ug/l	95
86) p-Isopropyltoluene	12.006	119	458082	53.044	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	256717	50.779	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	259692	48.708	ug/l	95
89) n-Butylbenzene	12.329	91	391229	53.398	ug/l	97
90) Hexachloroethane	12.536	117	77561	53.038	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	255328	50.894	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36001	55.413	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	195946	51.968	ug/l	96
94) Hexachlorobutadiene	13.725	225	93631	52.091	ug/l	98
95) Naphthalene	13.774	128	562284	55.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194093	51.843	ug/l	95

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

