

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040846.D
 Acq On : 01 Apr 2024 14:46
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 02 05:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	49848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88790	99.272	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 198.540%#			
35) Dibromofluoromethane	5.385	113	59691	98.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.440%#			
50) Toluene-d8	8.647	98	218957	99.709	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.420%#			
62) 4-Bromofluorobenzene	11.079	95	88827	101.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 202.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	71083	105.205	ug/l	96
3) Chloromethane	1.301	50	62092	106.377	ug/l	99
4) Vinyl Chloride	1.374	62	61858	102.665	ug/l	97
5) Bromomethane	1.599	94	33452	90.246	ug/l	96
6) Chloroethane	1.678	64	37713	97.100	ug/l	98
7) Trichlorofluoromethane	1.880	101	109135	94.623	ug/l	97
8) Diethyl Ether	2.136	74	37304	100.087	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58467	98.330	ug/l	99
10) Methyl Iodide	2.453	142	72402	100.379	ug/l	99
11) Tert butyl alcohol	2.971	59	81753	500.652	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	55716	99.908	ug/l	98
13) Acrolein	2.239	56	47042	527.752	ug/l	99
14) Allyl chloride	2.660	41	104270	104.374	ug/l	90
15) Acrylonitrile	3.062	53	174625	506.940	ug/l	97
16) Acetone	2.380	43	167674	482.804	ug/l	97
17) Carbon Disulfide	2.514	76	161505	100.109	ug/l	99
18) Methyl Acetate	2.703	43	83416	101.241	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	202486	103.152	ug/l	99
20) Methylene Chloride	2.788	84	61333	95.297	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	58278	98.940	ug/l	97
22) Diisopropyl ether	3.763	45	204611	105.244	ug/l	89
23) Vinyl Acetate	3.721	43	990542	531.582	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113074	101.801	ug/l	99
25) 2-Butanone	4.556	43	263190	510.158	ug/l	100
26) 2,2-Dichloropropane	4.477	77	101812	106.764	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	69791	102.606	ug/l	99
28) Bromochloromethane	4.897	49	47587	95.283	ug/l	100
29) Tetrahydrofuran	5.001	42	173153	516.382	ug/l	99
30) Chloroform	5.093	83	125500	103.807	ug/l	99
31) Cyclohexane	5.464	56	96570	101.748	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	114516	106.593	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85940	99.526	ug/l	98
37) Ethyl Acetate	4.715	43	105637	99.627	ug/l	97
38) Carbon Tetrachloride	5.678	117	99616	104.209	ug/l	98
39) Methylcyclohexane	7.379	83	103401	100.220	ug/l	99
40) Benzene	6.037	78	238425	99.484	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57922	106.368	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105089	100.958	ug/l	97
43) Isopropyl Acetate	6.336	43	171145	104.516	ug/l	97
44) Trichloroethene	7.123	130	60382	100.878	ug/l	95
45) 1,2-Dichloropropane	7.427	63	59781	104.489	ug/l	99
46) Dibromomethane	7.580	93	48070	102.509	ug/l	99
47) Bromodichloromethane	7.818	83	100658	103.168	ug/l	98
48) Methyl methacrylate	7.690	41	86856	108.318	ug/l	96
49) 1,4-Dioxane	7.659	88	32063	2095.371	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	565957	521.058	ug/l	96
52) Toluene	8.720	92	152206	100.650	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	104037	100.518	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	104597	108.119	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	60255	102.101	ug/l	93
56) Ethyl methacrylate	9.116	69	109907	108.456	ug/l	93
57) 1,3-Dichloropropane	9.305	76	104294	101.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	259050	527.306	ug/l	98
59) 2-Hexanone	9.433	43	456166	523.660	ug/l	96
60) Dibromochloromethane	9.519	129	74291	105.450	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65960	103.595	ug/l	99
64) Tetrachloroethene	9.275	164	53248	102.182	ug/l	99
65) Chlorobenzene	10.079	112	171800	99.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	60813	106.383	ug/l	99
67) Ethyl Benzene	10.195	91	312160	101.639	ug/l	98
68) m/p-Xylenes	10.299	106	232700	208.239	ug/l	93
69) o-Xylene	10.640	106	111548	105.958	ug/l	91
70) Styrene	10.652	104	195297	107.054	ug/l	97
71) Bromoform	10.799	173	53325	100.080	ug/l #	99
73) Isopropylbenzene	10.963	105	304003	101.160	ug/l	99
74) N-amyl acetate	10.841	43	167100	109.779	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	103592	100.813	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91705m	99.948	ug/l	
77) Bromobenzene	11.195	156	71465	101.374	ug/l	97
78) n-propylbenzene	11.305	91	378212	100.702	ug/l	98
79) 2-Chlorotoluene	11.366	91	221497	98.821	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	266899	103.986	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37186	109.347	ug/l	99
82) 4-Chlorotoluene	11.451	91	270832	101.207	ug/l	98
83) tert-Butylbenzene	11.713	119	261134	102.555	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	268531	103.855	ug/l	99
85) sec-Butylbenzene	11.890	105	331221	102.422	ug/l	100
86) p-Isopropyltoluene	12.006	119	284600	104.926	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	142422	99.948	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	145195	96.029	ug/l	98
89) n-Butylbenzene	12.329	91	281085	104.896	ug/l	96
90) Hexachloroethane	12.536	117	51721	109.462	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	138158	98.933	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28385	107.502	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94765	97.886	ug/l	98
94) Hexachlorobutadiene	13.725	225	36056	97.221	ug/l	98
95) Naphthalene	13.774	128	322767	103.543	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93061	100.759	ug/l	98

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

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