

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040738.D
 Acq On : 21 Mar 2024 10:51
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 22 02:02:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	72931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	16969	19.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.240%#		
35) Dibromofluoromethane	5.385	113	11959	20.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.620%#		
50) Toluene-d8	8.647	98	42852	21.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	42.520%#		
62) 4-Bromofluorobenzene	11.079	95	14575	18.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12910	19.399	ug/l	96
3) Chloromethane	1.300	50	13017	19.124	ug/l	96
4) Vinyl Chloride	1.374	62	12277	19.048	ug/l	94
5) Bromomethane	1.611	94	8750	20.139	ug/l	98
6) Chloroethane	1.691	64	8770	19.359	ug/l	100
7) Trichlorofluoromethane	1.892	101	20493	18.172	ug/l	98
8) Diethyl Ether	2.136	74	6623	18.271	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	12369	19.073	ug/l	95
10) Methyl Iodide	2.453	142	16443	19.151	ug/l	98
11) Tert butyl alcohol	2.946	59	12838	92.716	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	11261	18.539	ug/l	97
13) Acrolein	2.233	56	7103	86.683	ug/l	99
14) Allyl chloride	2.666	41	20481	18.814	ug/l	89
15) Acrylonitrile	3.062	53	32886	96.208	ug/l	96
16) Acetone	2.373	43	29260	95.535	ug/l	99
17) Carbon Disulfide	2.514	76	32761	18.777	ug/l	100
18) Methyl Acetate	2.703	43	15242	18.569	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	39820	18.994	ug/l	97
20) Methylene Chloride	2.794	84	12768	19.071	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	12039	18.775	ug/l	97
22) Diisopropyl ether	3.757	45	40466	19.050	ug/l	92
23) Vinyl Acetate	3.721	43	193583	96.409	ug/l	100
24) 1,1-Dichloroethane	3.611	63	23459	19.227	ug/l	99
25) 2-Butanone	4.544	43	47110	98.203	ug/l	99
26) 2,2-Dichloropropane	4.477	77	19161	17.999	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	14009	18.860	ug/l	99
28) Bromochloromethane	4.897	49	10621	19.033	ug/l	97
29) Tetrahydrofuran	4.995	42	30684	96.162	ug/l	99
30) Chloroform	5.092	83	25529	19.544	ug/l	100
31) Cyclohexane	5.476	56	19643	19.120	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	21229	18.908	ug/l	96
36) 1,1-Dichloropropene	5.690	75	17807	20.542	ug/l	97
37) Ethyl Acetate	4.708	43	20059	20.378	ug/l	97
38) Carbon Tetrachloride	5.678	117	19221	19.700	ug/l	96
39) Methylcyclohexane	7.379	83	19240	20.034	ug/l	98
40) Benzene	6.037	78	49457	20.661	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	10381	20.570	ug/l	93
42) 1,2-Dichloroethane	6.086	62	20549	21.215	ug/l	99
43) Isopropyl Acetate	6.336	43	30681	19.849	ug/l	96
44) Trichloroethene	7.123	130	11294	19.685	ug/l	100
45) 1,2-Dichloropropane	7.433	63	11520	20.513	ug/l	100
46) Dibromomethane	7.580	93	9445	21.235	ug/l	98
47) Bromodichloromethane	7.818	83	18332	20.171	ug/l	99
48) Methyl methacrylate	7.689	41	14917	21.114	ug/l	95
49) 1,4-Dioxane	7.653	88	5119	429.326	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	103327	107.790	ug/l	96
52) Toluene	8.714	92	30685	21.494	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	19321	20.550	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	20593	21.179	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	12182	20.954	ug/l	94
56) Ethyl methacrylate	9.116	69	20064	20.648	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	20724	20.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	50721	99.455	ug/l	96
59) 2-Hexanone	9.427	43	80005	107.739	ug/l	96
60) Dibromochloromethane	9.518	129	14245	20.852	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12777	20.813	ug/l	98
64) Tetrachloroethene	9.275	164	10847	19.967	ug/l	96
65) Chlorobenzene	10.079	112	30620	18.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	10527	18.702	ug/l	97
67) Ethyl Benzene	10.189	91	57263	19.330	ug/l	96
68) m/p-Xylenes	10.299	106	42001	38.725	ug/l	97
69) o-Xylene	10.640	106	19513	18.728	ug/l	98
70) Styrene	10.652	104	32549	18.661	ug/l	99
71) Bromoform	10.799	173	8303	18.060	ug/l #	98
73) Isopropylbenzene	10.963	105	52000	17.703	ug/l	99
74) N-amyl acetate	10.841	43	24574	16.992	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	17437	17.535	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14208m	17.006	ug/l	
77) Bromobenzene	11.195	156	12451	17.512	ug/l	96
78) n-propylbenzene	11.305	91	63140	17.433	ug/l	99
79) 2-Chlorotoluene	11.360	91	37355	17.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	44658	18.135	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5352	16.261	ug/l #	91
82) 4-Chlorotoluene	11.451	91	44613	17.020	ug/l	99
83) tert-Butylbenzene	11.713	119	45465	18.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	46246	18.660	ug/l	98
85) sec-Butylbenzene	11.890	105	59418	18.918	ug/l	99
86) p-Isopropyltoluene	12.006	119	49761	19.107	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	25520	18.795	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	26252	18.206	ug/l	98
89) n-Butylbenzene	12.329	91	49921	19.008	ug/l	95
90) Hexachloroethane	12.536	117	8434	18.598	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	24915	18.677	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4783	19.264	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	17824	18.800	ug/l	96
94) Hexachlorobutadiene	13.725	225	6774	18.127	ug/l	99
95) Naphthalene	13.774	128	56433	18.815	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16831	18.069	ug/l	99

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

