

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082224\
 Data File : VX043091.D
 Acq On : 22 Aug 2024 16:24
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082224

Quant Time: Aug 23 08:58:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 08:42:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	372227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	668331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	573078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	284308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	283453	46.327	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.660%		
35) Dibromofluoromethane	5.385	113	224227	48.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.647	98	833542	50.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.260%		
62) 4-Bromofluorobenzene	11.079	95	294174	50.827	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.660%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	158798	47.680	ug/l	98
3) Chloromethane	1.295	50	236335	47.339	ug/l	98
4) Vinyl Chloride	1.374	62	255116	48.264	ug/l	97
5) Bromomethane	1.593	94	148076	46.991	ug/l	98
6) Chloroethane	1.666	64	152817m	54.332	ug/l	
7) Trichlorofluoromethane	1.868	101	476817	53.372	ug/l	98
8) Diethyl Ether	2.136	74	182218	47.171	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	213344	49.001	ug/l	98
10) Methyl Iodide	2.441	142	216656	46.974	ug/l	93
11) Tert butyl alcohol	2.995	59	292614	230.886	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	208490	47.666	ug/l	92
13) Acrolein	2.240	56	130722	245.412	ug/l	99
14) Allyl chloride	2.654	41	368118	47.436	ug/l	96
15) Acrylonitrile	3.069	53	710598	238.852	ug/l	99
16) Acetone	2.392	43	659029	245.435	ug/l	91
17) Carbon Disulfide	2.502	76	537162	47.649	ug/l	100
18) Methyl Acetate	2.709	43	403477	47.339	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	785219	47.703	ug/l	99
20) Methylene Chloride	2.782	84	239633	46.079	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	215784	47.999	ug/l	93
22) Diisopropyl ether	3.764	45	812357	47.769	ug/l	95
23) Vinyl Acetate	3.721	43	4704482	246.943	ug/l	96
24) 1,1-Dichloroethane	3.605	63	436333	48.149	ug/l	99
25) 2-Butanone	4.562	43	1015244	248.222	ug/l	96
26) 2,2-Dichloropropane	4.471	77	379205	49.420	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	264964	47.111	ug/l	97
28) Bromochloromethane	4.898	49	184694	44.691	ug/l	95
29) Tetrahydrofuran	5.007	42	658979	243.132	ug/l	97
30) Chloroform	5.093	83	433484	47.593	ug/l	95
31) Cyclohexane	5.458	56	363690	47.680	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	374683	48.570	ug/l	99
36) 1,1-Dichloropropene	5.684	75	294976	50.492	ug/l	100
37) Ethyl Acetate	4.721	43	397522	47.936	ug/l	100
38) Carbon Tetrachloride	5.672	117	309181	50.650	ug/l	99
39) Methylcyclohexane	7.379	83	376546	48.861	ug/l	94
40) Benzene	6.032	78	922946	48.543	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	208472	50.148	ug/l	94
42) 1,2-Dichloroethane	6.086	62	333735	48.952	ug/l	97
43) Isopropyl Acetate	6.342	43	640543	49.030	ug/l	98
44) Trichloroethene	7.123	130	216573	49.977	ug/l	99
45) 1,2-Dichloropropane	7.428	63	238697	49.799	ug/l	99
46) Dibromomethane	7.580	93	166694	47.483	ug/l	99
47) Bromodichloromethane	7.818	83	342982	49.480	ug/l	97
48) Methyl methacrylate	7.696	41	294238	50.832	ug/l	92
49) 1,4-Dioxane	7.665	88	113300	971.089	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1970575	251.000	ug/l	99
52) Toluene	8.714	92	578878	50.269	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	359461	51.071	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	381895	49.386	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	225534	48.428	ug/l	95
56) Ethyl methacrylate	9.116	69	412707	51.393	ug/l	96
57) 1,3-Dichloropropane	9.305	76	396844	48.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	961550	250.701	ug/l	98
59) 2-Hexanone	9.433	43	1533414	254.088	ug/l	97
60) Dibromochloromethane	9.519	129	262343	51.074	ug/l	98
61) 1,2-Dibromoethane	9.610	107	234287	50.756	ug/l	99
64) Tetrachloroethene	9.275	164	178485	47.402	ug/l	97
65) Chlorobenzene	10.080	112	616192	49.047	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	211634	48.955	ug/l	97
67) Ethyl Benzene	10.195	91	1103265	51.074	ug/l	99
68) m/p-Xylenes	10.299	106	841605	102.358	ug/l	97
69) o-Xylene	10.640	106	410121	49.130	ug/l	99
70) Styrene	10.653	104	704051	51.592	ug/l	98
71) Bromoform	10.799	173	178632	50.045	ug/l #	100
73) Isopropylbenzene	10.964	105	1066749	48.052	ug/l	98
74) N-amyl acetate	10.842	43	568087	48.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	381464	46.248	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	314763m	47.541	ug/l	
77) Bromobenzene	11.195	156	242680	48.298	ug/l	97
78) n-propylbenzene	11.305	91	1255225	50.250	ug/l	99
79) 2-Chlorotoluene	11.366	91	746334	47.654	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	883876	48.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	137422	48.109	ug/l	87
82) 4-Chlorotoluene	11.451	91	863595	49.371	ug/l	99
83) tert-Butylbenzene	11.713	119	902546	47.994	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	905246	50.011	ug/l	97
85) sec-Butylbenzene	11.890	105	1139921	50.123	ug/l	100
86) p-Isopropyltoluene	12.006	119	948238	51.355	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	464112	49.009	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	469098	49.290	ug/l	99
89) n-Butylbenzene	12.329	91	853332	52.426	ug/l	98
90) Hexachloroethane	12.536	117	190051	49.568	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	457860	48.062	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	86602	48.273	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	261227	50.431	ug/l	97
94) Hexachlorobutadiene	13.725	225	97632	48.390	ug/l	97
95) Naphthalene	13.774	128	1002935	49.516	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	270051	49.664	ug/l	99

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

