

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040743.D
 Acq On : 21 Mar 2024 14:46
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032124

Quant Time: Mar 22 02:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:41:46 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	5.544	168	50687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	85567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	78687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	44220	51.884	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.760%			
35) Dibromofluoromethane	5.379	113	30494	47.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.260%			
50) Toluene-d8	8.647	98	108534	49.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	38087	43.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36591	55.785	ug/l	96
3) Chloromethane	1.294	50	32002	47.700	ug/l	100
4) Vinyl Chloride	1.374	62	33103	52.109	ug/l	97
5) Bromomethane	1.605	94	23774	55.516	ug/l	98
6) Chloroethane	1.685	64	22003	49.276	ug/l	98
7) Trichlorofluoromethane	1.886	101	61891	55.681	ug/l	98
8) Diethyl Ether	2.130	74	17774	49.747	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33365	52.199	ug/l	99
10) Methyl Iodide	2.453	142	46753	55.245	ug/l	99
11) Tert butyl alcohol	2.947	59	39945	292.682	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	31171	52.064	ug/l	96
13) Acrolein	2.233	56	23817	294.887	ug/l	99
14) Allyl chloride	2.666	41	56759	52.898	ug/l	91
15) Acrylonitrile	3.056	53	91763	272.360	ug/l	97
16) Acetone	2.373	43	80206	265.688	ug/l	98
17) Carbon Disulfide	2.514	76	85752	49.864	ug/l	99
18) Methyl Acetate	2.697	43	40658	50.253	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	110540	53.494	ug/l	99
20) Methylene Chloride	2.788	84	34363	52.074	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	32243	51.015	ug/l	98
22) Diisopropyl ether	3.751	45	112082	53.532	ug/l	88
23) Vinyl Acetate	3.715	43	538573	272.128	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62682	52.122	ug/l	99
25) 2-Butanone	4.544	43	130599	276.205	ug/l	97
26) 2,2-Dichloropropane	4.477	77	57255	54.567	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	38045	51.964	ug/l	98
28) Bromochloromethane	4.891	49	26815	48.752	ug/l	96
29) Tetrahydrofuran	4.989	42	86804	275.999	ug/l	99
30) Chloroform	5.086	83	68424	53.145	ug/l	96
31) Cyclohexane	5.464	56	53083	52.421	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62138	56.150	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47963	50.878	ug/l	99
37) Ethyl Acetate	4.702	43	54592	50.997	ug/l	99
38) Carbon Tetrachloride	5.672	117	54191	51.071	ug/l	95
39) Methylcyclohexane	7.379	83	52839	50.593	ug/l	99
40) Benzene	6.031	78	132797	51.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	29779	53.796	ug/l	96
42) 1,2-Dichloroethane	6.080	62	56605	53.737	ug/l	98
43) Isopropyl Acetate	6.330	43	90995	54.132	ug/l	98
44) Trichloroethene	7.123	130	32049	51.365	ug/l	95
45) 1,2-Dichloropropane	7.427	63	30498	49.936	ug/l	96
46) Dibromomethane	7.574	93	23368	48.309	ug/l	98
47) Bromodichloromethane	7.818	83	48377	48.946	ug/l	98
48) Methyl methacrylate	7.683	41	39657	51.616	ug/l	92
49) 1,4-Dioxane	7.653	88	13658	1053.315	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	283308	271.764	ug/l	97
52) Toluene	8.714	92	80186	51.650	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	53220	52.051	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	54868	51.888	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	33019	52.226	ug/l	97
56) Ethyl methacrylate	9.110	69	58545	55.400	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	57411	53.214	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	114152	205.821	ug/l	98
59) 2-Hexanone	9.427	43	225081	278.718	ug/l	96
60) Dibromochloromethane	9.519	129	39285	52.878	ug/l	98
61) 1,2-Dibromoethane	9.604	107	36553	54.751	ug/l	100
64) Tetrachloroethene	9.269	164	29564	50.441	ug/l	97
65) Chlorobenzene	10.079	112	93647	52.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	31157	51.303	ug/l	99
67) Ethyl Benzene	10.189	91	161470	50.520	ug/l	96
68) m/p-Xylenes	10.299	106	115203	98.448	ug/l	93
69) o-Xylene	10.640	106	54732	48.687	ug/l	89
70) Styrene	10.652	104	95851	50.933	ug/l	96
71) Bromoform	10.799	173	25103	50.608	ug/l #	99
73) Isopropylbenzene	10.957	105	150083	51.327	ug/l	100
74) N-amyl acetate	10.841	43	77604	53.904	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	47405	47.889	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40395m	48.737	ug/l	
77) Bromobenzene	11.195	156	34128	48.219	ug/l	97
78) n-propylbenzene	11.299	91	173523	48.129	ug/l	100
79) 2-Chlorotoluene	11.360	91	103044	49.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	121887	49.723	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17046	52.029	ug/l #	95
82) 4-Chlorotoluene	11.451	91	123985	47.517	ug/l	99
83) tert-Butylbenzene	11.713	119	125204	50.925	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	129344	52.427	ug/l	99
85) sec-Butylbenzene	11.890	105	162275	51.904	ug/l	99
86) p-Isopropyltoluene	12.006	119	140401	54.156	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	70223	51.955	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	71815	50.031	ug/l	98
89) n-Butylbenzene	12.329	91	139922	53.521	ug/l	95
90) Hexachloroethane	12.536	117	24351	53.942	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	68612	51.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12567	50.845	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	48053	50.917	ug/l	98
94) Hexachlorobutadiene	13.725	225	18605	50.015	ug/l	97
95) Naphthalene	13.774	128	159639	53.466	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45628	49.209	ug/l	98

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

