

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043404.D
 Acq On : 15 Oct 2024 14:42
 Operator : JC/MD
 Sample : VX1015WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS02

Quant Time: Oct 16 07:25:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87057	54.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.840%			
35) Dibromofluoromethane	5.385	113	62259	51.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	8.647	98	209572	49.789	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.079	95	77585	50.737	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22678	19.905	ug/l	95
3) Chloromethane	1.300	50	22927	19.539	ug/l	98
4) Vinyl Chloride	1.374	62	23889	20.326	ug/l	96
5) Bromomethane	1.599	94	9221	19.203	ug/l	97
6) Chloroethane	1.666	64	8551	19.537	ug/l	92
7) Trichlorofluoromethane	1.867	101	33204	18.908	ug/l	99
8) Diethyl Ether	2.136	74	14005	20.494	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21606	19.716	ug/l	99
10) Methyl Iodide	2.447	142	26717	19.410	ug/l	99
11) Tert butyl alcohol	3.001	59	29705	97.585	ug/l	100
12) 1,1-Dichloroethene	2.306	96	20760	19.077	ug/l	93
13) Acrolein	2.239	56	25533	88.809	ug/l	98
14) Allyl chloride	2.660	41	36113	20.199	ug/l	97
15) Acrylonitrile	3.075	53	65393	105.207	ug/l	99
16) Acetone	2.392	43	63981	95.778	ug/l	99
17) Carbon Disulfide	2.501	76	41244	15.582	ug/l	100
18) Methyl Acetate	2.709	43	35911	21.429	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82377	21.158	ug/l	99
20) Methylene Chloride	2.788	84	24215	19.660	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21588	19.933	ug/l	96
22) Diisopropyl ether	3.763	45	76197	21.189	ug/l	98
23) Vinyl Acetate	3.721	43	342101	89.796	ug/l	98
24) 1,1-Dichloroethane	3.605	63	44352	21.171	ug/l	97
25) 2-Butanone	4.568	43	97152	106.068	ug/l	99
26) 2,2-Dichloropropane	4.471	77	39689	19.912	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	28443	21.058	ug/l	99
28) Bromochloromethane	4.903	49	12839	15.534	ug/l	99
29) Tetrahydrofuran	5.019	42	62892	107.785	ug/l	97
30) Chloroform	5.092	83	47606	20.693	ug/l	99
31) Cyclohexane	5.464	56	35940	20.822	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	44240	20.936	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30634	19.964	ug/l	98
37) Ethyl Acetate	4.721	43	38035	20.641	ug/l	99
38) Carbon Tetrachloride	5.672	117	34507	18.996	ug/l	90
39) Methylcyclohexane	7.372	83	37801	19.587	ug/l	95
40) Benzene	6.031	78	94117	20.230	ug/l	100

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41) Methacrylonitrile	4.928	41	20144	21.001	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39622	20.900	ug/l	99
43) Isopropyl Acetate	6.342	43	62056	20.389	ug/l	100
44) Trichloroethene	7.123	130	23577	19.107	ug/l	85
45) 1,2-Dichloropropane	7.427	63	23205	20.325	ug/l	99
46) Dibromomethane	7.580	93	18646	20.381	ug/l	97
47) Bromodichloromethane	7.824	83	34681	19.282	ug/l	98
48) Methyl methacrylate	7.696	41	30357	20.328	ug/l	97
49) 1,4-Dioxane	7.671	88	9297	320.262	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	193368	104.606	ug/l	100
52) Toluene	8.720	92	58201	19.961	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	35064	19.618	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38229	19.943	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23786	20.527	ug/l	99
56) Ethyl methacrylate	9.116	69	39607	20.906	ug/l	98
57) 1,3-Dichloropropane	9.305	76	40550	20.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86499	101.294	ug/l	99
59) 2-Hexanone	9.433	43	144786	103.575	ug/l	99
60) Dibromochloromethane	9.518	129	24084	17.916	ug/l	97
61) 1,2-Dibromoethane	9.610	107	24681	19.824	ug/l	99
64) Tetrachloroethene	9.268	164	19898	19.598	ug/l	96
65) Chlorobenzene	10.079	112	64537	20.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22081	19.851	ug/l	98
67) Ethyl Benzene	10.195	91	111167	20.445	ug/l	99
68) m/p-Xylenes	10.299	106	82857	40.322	ug/l	99
69) o-Xylene	10.640	106	40810	19.986	ug/l	97
70) Styrene	10.659	104	68093	20.577	ug/l	99
71) Bromoform	10.799	173	15156	17.786	ug/l #	99
73) Isopropylbenzene	10.963	105	107281	20.733	ug/l	100
74) N-amyl acetate	10.841	43	52110	21.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36558	21.688	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	30731m	20.817	ug/l	
77) Bromobenzene	11.195	156	25118	19.947	ug/l	97
78) n-propylbenzene	11.305	91	117870	20.750	ug/l	100
79) 2-Chlorotoluene	11.366	91	74174	20.311	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89498	20.968	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10912	19.157	ug/l	94
82) 4-Chlorotoluene	11.457	91	84646	20.347	ug/l	99
83) tert-Butylbenzene	11.713	119	90936	20.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	89595	20.862	ug/l	100
85) sec-Butylbenzene	11.890	105	107587	20.638	ug/l	99
86) p-Isopropyltoluene	12.012	119	89273	20.526	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44837	20.213	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	44569	19.489	ug/l	97
89) n-Butylbenzene	12.335	91	72408	19.886	ug/l	99
90) Hexachloroethane	12.536	117	14863	18.222	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	45779	20.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7947	19.310	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	25352	19.385	ug/l	98
94) Hexachlorobutadiene	13.725	225	10343	19.950	ug/l	98
95) Naphthalene	13.774	128	94101	19.573	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26466	19.614	ug/l	97

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

