

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032408.D
 Acq On : 26 Oct 2022 16:38
 Operator : JC/MD
 Sample : VX1026WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS01

Quant Time: Oct 27 08:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85550	48.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.100%		
35) Dibromofluoromethane	5.385	113	68784	48.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	241740	48.882	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	92618	47.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33334	22.557	ug/l	95
3) Chloromethane	1.295	50	26977	21.586	ug/l	97
4) Vinyl Chloride	1.374	62	29421	21.391	ug/l	98
5) Bromomethane	1.605	94	24455	22.249	ug/l	94
6) Chloroethane	1.685	64	18048	19.560	ug/l	99
7) Trichlorofluoromethane	1.886	101	52563	20.169	ug/l	99
8) Diethyl Ether	2.130	74	16841	19.941	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	28159	20.472	ug/l	98
10) Methyl Iodide	2.453	142	26549	18.604	ug/l	99
11) Tert butyl alcohol	2.959	59	26642	102.817	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25537	19.874	ug/l	98
13) Acrolein	2.233	56	25802	99.745	ug/l	100
14) Allyl chloride	2.666	41	40741	19.890	ug/l	99
15) Acrylonitrile	3.063	53	69622	99.003	ug/l	100
16) Acetone	2.380	43	64670	99.945	ug/l	99
17) Carbon Disulfide	2.514	76	62435	20.400	ug/l	100
18) Methyl Acetate	2.703	43	43162	20.513	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	88250	19.541	ug/l	100
20) Methylene Chloride	2.788	84	28731	19.366	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	27308	19.524	ug/l	97
22) Diisopropyl ether	3.758	45	84246	19.015	ug/l #	88
23) Vinyl Acetate	3.721	43	348092	97.247	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49575	19.453	ug/l	99
25) 2-Butanone	4.556	43	99482	99.237	ug/l	100
26) 2,2-Dichloropropane	4.477	77	39921	19.707	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	30998	19.174	ug/l	94
28) Bromochloromethane	4.898	49	17313	19.073	ug/l	100
29) Tetrahydrofuran	5.001	42	63433	99.232	ug/l	99
30) Chloroform	5.099	83	54591	19.522	ug/l	97
31) Cyclohexane	5.471	56	44427	20.582	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	49211	19.611	ug/l	100
36) 1,1-Dichloropropene	5.696	75	39487	19.938	ug/l	99
37) Ethyl Acetate	4.715	43	38854	18.847	ug/l	99
38) Carbon Tetrachloride	5.678	117	43983	20.023	ug/l	98
39) Methylcyclohexane	7.385	83	49723	21.219	ug/l	99
40) Benzene	6.044	78	110394	19.697	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20860	19.863	ug/l	99
42) 1,2-Dichloroethane	6.086	62	45467	19.846	ug/l	100
43) Isopropyl Acetate	6.342	43	63784	20.151	ug/l	100
44) Trichloroethene	7.123	130	30414	19.277	ug/l	99
45) 1,2-Dichloropropane	7.434	63	28723	19.965	ug/l	97
46) Dibromomethane	7.580	93	21417	19.411	ug/l	98
47) Bromodichloromethane	7.824	83	40252	19.249	ug/l	99
48) Methyl methacrylate	7.696	41	32378	19.806	ug/l	99
49) 1,4-Dioxane	7.671	88	13531	434.319	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	201872	101.252	ug/l	100
52) Toluene	8.720	92	72463	19.817	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	40697	19.074	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	45134	19.778	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29862	19.392	ug/l	99
56) Ethyl methacrylate	9.116	69	44779	20.206	ug/l	98
57) 1,3-Dichloropropane	9.311	76	48890	19.660	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	111045	104.066	ug/l	100
59) 2-Hexanone	9.433	43	152206	102.884	ug/l	100
60) Dibromochloromethane	9.525	129	31934	18.986	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32021	19.625	ug/l	99
64) Tetrachloroethene	9.275	164	25939	19.786	ug/l	92
65) Chlorobenzene	10.080	112	79777	19.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29485	19.526	ug/l	100
67) Ethyl Benzene	10.195	91	144391	20.125	ug/l	100
68) m/p-Xylenes	10.305	106	110786	39.764	ug/l	100
69) o-Xylene	10.640	106	53250	19.658	ug/l	98
70) Styrene	10.659	104	89345	19.846	ug/l	99
71) Bromoform	10.799	173	22645	18.967	ug/l #	100
73) Isopropylbenzene	10.964	105	145679	19.556	ug/l	99
74) N-amyl acetate	10.842	43	56272	19.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	45376	18.977	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41508m	19.847	ug/l	
77) Bromobenzene	11.201	156	34951	19.138	ug/l	99
78) n-propylbenzene	11.305	91	166549	19.405	ug/l	100
79) 2-Chlorotoluene	11.366	91	99223	19.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	125662	19.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12039	18.317	ug/l	95
82) 4-Chlorotoluene	11.457	91	116451	19.362	ug/l	100
83) tert-Butylbenzene	11.713	119	124603	19.603	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	124360	19.639	ug/l	99
85) sec-Butylbenzene	11.890	105	153089	20.016	ug/l	100
86) p-Isopropyltoluene	12.012	119	130917	20.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	66063	19.177	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67520	18.892	ug/l	99
89) n-Butylbenzene	12.335	91	112529	19.931	ug/l	99
90) Hexachloroethane	12.543	117	20367	19.213	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	66617	19.612	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10605	20.228	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	43238	19.522	ug/l	95
94) Hexachlorobutadiene	13.725	225	18176	19.650	ug/l	99
95) Naphthalene	13.774	128	145174	19.671	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43027	19.111	ug/l	99

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

