

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043315.D
 Acq On : 08 Oct 2024 10:54
 Operator : JC/MD
 Sample : VX1008WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBSD01

Quant Time: Oct 09 01:33:50 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 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71712	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	88272	50.658	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.320%
35) Dibromofluoromethane	5.385	113	63862	50.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	8.647	98	218605	49.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	80032	49.981	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	21785	17.553	ug/l	100
3) Chloromethane	1.295	50	21295	16.660	ug/l	97
4) Vinyl Chloride	1.374	62	22280	17.402	ug/l	97
5) Bromomethane	1.599	94	9368	17.910	ug/l	96
6) Chloroethane	1.666	64	9341	19.592	ug/l	98
7) Trichlorofluoromethane	1.874	101	35148	18.374	ug/l	100
8) Diethyl Ether	2.136	74	13905	18.679	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	22432	18.791	ug/l	99
10) Methyl Iodide	2.447	142	26080	17.394	ug/l	99
11) Tert butyl alcohol	2.995	59	38342	115.630	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20892	17.624	ug/l	96
13) Acrolein	2.239	56	27234	86.957	ug/l	98
14) Allyl chloride	2.660	41	36226	18.601	ug/l	98
15) Acrylonitrile	3.069	53	67470	99.646	ug/l	100
16) Acetone	2.392	43	70145	96.394	ug/l	98
17) Carbon Disulfide	2.502	76	42357	14.690	ug/l	98
18) Methyl Acetate	2.703	43	41467	22.715	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	84111	19.832	ug/l	97
20) Methylene Chloride	2.782	84	23909	17.820	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	20970	17.774	ug/l	97
22) Diisopropyl ether	3.757	45	78708	20.092	ug/l #	77
23) Vinyl Acetate	3.721	43	462963	109.498	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43280	18.965	ug/l	97
25) 2-Butanone	4.562	43	101302	101.529	ug/l	100
26) 2,2-Dichloropropane	4.471	77	40837	18.808	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27849	18.927	ug/l	100
28) Bromochloromethane	4.898	49	17409	19.336	ug/l	96
29) Tetrahydrofuran	5.013	42	63966	100.635	ug/l	99
30) Chloroform	5.093	83	47766	19.060	ug/l	99
31) Cyclohexane	5.458	56	34211	18.195	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	43881	19.063	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29746	18.513	ug/l	99
37) Ethyl Acetate	4.721	43	39571	20.508	ug/l	98
38) Carbon Tetrachloride	5.672	117	35712	18.775	ug/l	99
39) Methylcyclohexane	7.379	83	37612	18.612	ug/l	98
40) Benzene	6.031	78	92448	18.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20362	20.272	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40109	20.205	ug/l	100
43) Isopropyl Acetate	6.342	43	64730	20.310	ug/l	100
44) Trichloroethene	7.123	130	23502	18.189	ug/l	90
45) 1,2-Dichloropropane	7.428	63	22934	19.183	ug/l	89
46) Dibromomethane	7.580	93	19001	19.834	ug/l	98
47) Bromodichloromethane	7.818	83	36552	19.407	ug/l	98
48) Methyl methacrylate	7.696	41	30856	19.732	ug/l	99
49) 1,4-Dioxane	7.665	88	13058	429.571	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	197549	102.057	ug/l	99
52) Toluene	8.714	92	58323	19.102	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	36710	19.615	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	38367	19.114	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24749	20.397	ug/l	98
56) Ethyl methacrylate	9.116	69	40600	20.466	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41083	19.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88988	99.518	ug/l	100
59) 2-Hexanone	9.433	43	151589	103.560	ug/l	100
60) Dibromochloromethane	9.519	129	26771	19.018	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25673	19.693	ug/l	100
64) Tetrachloroethene	9.269	164	20971	19.091	ug/l	93
65) Chlorobenzene	10.080	112	65666	19.294	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	23651	19.652	ug/l	99
67) Ethyl Benzene	10.189	91	112770	19.169	ug/l	99
68) m/p-Xylenes	10.299	106	83302	37.470	ug/l	98
69) o-Xylene	10.640	106	42487	19.232	ug/l	99
70) Styrene	10.653	104	68256	19.065	ug/l	99
71) Bromoform	10.799	173	17509	18.992	ug/l #	98
73) Isopropylbenzene	10.964	105	109731	19.681	ug/l	99
74) N-amyl acetate	10.842	43	51658	19.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37328	20.552	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31653m	19.899	ug/l	
77) Bromobenzene	11.195	156	26311	19.392	ug/l	99
78) n-propylbenzene	11.305	91	122603	20.031	ug/l	98
79) 2-Chlorotoluene	11.366	91	76848	19.530	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	90838	19.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11252	18.333	ug/l	93
82) 4-Chlorotoluene	11.451	91	88178	19.671	ug/l	100
83) tert-Butylbenzene	11.713	119	92496	19.521	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	91608	19.796	ug/l	99
85) sec-Butylbenzene	11.890	105	111128	19.784	ug/l	100
86) p-Isopropyltoluene	12.006	119	92908	19.825	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46883	19.615	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	46912	19.038	ug/l	99
89) n-Butylbenzene	12.329	91	76880	19.595	ug/l	99
90) Hexachloroethane	12.536	117	16782	19.095	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	47419	19.400	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8651	19.508	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	26325	18.682	ug/l	98
94) Hexachlorobutadiene	13.725	225	11380	20.372	ug/l	97
95) Naphthalene	13.774	128	100363	19.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	28495	19.599	ug/l	99

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

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