

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043208.D
 Acq On : 01 Oct 2024 11:59
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 16:30:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:27:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

10/02/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77677	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	9411	4.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	9.820%#
35) Dibromofluoromethane	5.391	113	6786	4.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.600%#
50) Toluene-d8	8.647	98	23525	4.804	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.600%#
62) 4-Bromofluorobenzene	11.079	95	8272	4.650	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.300%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	6237	4.571	ug/l	95
3) Chloromethane	1.294	50	6630	4.718	ug/l	94
4) Vinyl Chloride	1.374	62	6822	4.846	ug/l	96
5) Bromomethane	1.599	94	2893	5.031	ug/l	99
6) Chloroethane	1.666	64	2428	4.632	ug/l	90
7) Trichlorofluoromethane	1.867	101	10190	4.845	ug/l	98
8) Diethyl Ether	2.136	74	4000	4.887	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	6291	4.793	ug/l	99
10) Methyl Iodide	2.447	142	7563	4.588	ug/l	98
11) Tert butyl alcohol	2.995	59	8128	21.905	ug/l	98
12) 1,1-Dichloroethene	2.313	96	6205	4.761	ug/l	98
13) Acrolein	2.239	56	8607	25.078	ug/l	100
14) Allyl chloride	2.660	41	10429	4.871	ug/l	98
15) Acrylonitrile	3.075	53	18288	24.567	ug/l	98
16) Acetone	2.392	43	21181	26.475	ug/l	98
17) Carbon Disulfide	2.501	76	14527	4.583	ug/l	98
18) Methyl Acetate	2.709	43	9231	4.599	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	22856	4.902	ug/l	97
20) Methylene Chloride	2.788	84	7377	5.001	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	6298	4.855	ug/l	98
22) Diisopropyl ether	3.763	45	21128	4.906	ug/l	94
23) Vinyl Acetate	3.721	43	93425	32.831	ug/l	99
24) 1,1-Dichloroethane	3.605	63	12395	4.940	ug/l	98
25) 2-Butanone	4.574	43	28146	25.658	ug/l	100
26) 2,2-Dichloropropane	4.471	77	11610	4.863	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	8001	4.946	ug/l	97
28) Bromochloromethane	4.904	49	5556	5.613	ug/l #	99
29) Tetrahydrofuran	5.007	42	17408	24.911	ug/l	99
30) Chloroform	5.086	83	13770	4.998	ug/l	92
31) Cyclohexane	5.464	56	10237	4.952	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	12314	4.866	ug/l	99
36) 1,1-Dichloropropene	5.690	75	8708	4.878	ug/l	99
37) Ethyl Acetate	4.721	43	10515	4.931	ug/l	98
38) Carbon Tetrachloride	5.666	117	10063	4.762	ug/l	95
39) Methylcyclohexane	7.373	83	10759	4.792	ug/l	97
40) Benzene	6.031	78	26842	4.959	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	5322	4.769	ug/l	# 91
42) 1,2-Dichloroethane	6.092	62	10720	4.860	ug/l	97
43) Isopropyl Acetate	6.348	43	17286	4.882	ug/l	98
44) Trichloroethene	7.129	130	6601	4.598	ug/l	96
45) 1,2-Dichloropropane	7.427	63	6534	4.919	ug/l	94
46) Dibromomethane	7.586	93	5256	4.938	ug/l	98
47) Bromodichloromethane	7.824	83	9769	4.668	ug/l	96
48) Methyl methacrylate	7.696	41	8311	4.912	ug/l	98
49) 1,4-Dioxane	7.677	88	3179	94.129	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	53232	24.752	ug/l	98
52) Toluene	8.720	92	16775	4.945	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9414	4.527	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	10616	4.760	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	6747	5.005	ug/l	97
56) Ethyl methacrylate	9.116	69	10315	4.680	ug/l	94
57) 1,3-Dichloropropane	9.311	76	11992	5.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	25135	25.300	ug/l	100
59) 2-Hexanone	9.433	43	39948	24.564	ug/l	98
60) Dibromochloromethane	9.519	129	7123	4.554	ug/l	98
61) 1,2-Dibromoethane	9.610	107	6789	4.687	ug/l	99
64) Tetrachloroethene	9.275	164	6041	4.944	ug/l	92
65) Chlorobenzene	10.079	112	18146	4.793	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	6573	4.910	ug/l	97
67) Ethyl Benzene	10.195	91	31173	4.764	ug/l	98
68) m/p-Xylenes	10.299	106	24041	9.721	ug/l	99
69) o-Xylene	10.640	106	12141	4.940	ug/l	97
70) Styrene	10.659	104	18786	4.717	ug/l	99
71) Bromoform	10.799	173	4295	4.188	ug/l	# 100
73) Isopropylbenzene	10.963	105	30571	5.062	ug/l	98
74) N-amyl acetate	10.841	43	13969	4.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10056	5.111	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	9465m	5.612	ug/l	
77) Bromobenzene	11.201	156	7159	4.871	ug/l	100
78) n-propylbenzene	11.305	91	31349	4.729	ug/l	99
79) 2-Chlorotoluene	11.366	91	21966	5.154	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	24359	4.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2942	4.425	ug/l	96
82) 4-Chlorotoluene	11.457	91	24236	4.992	ug/l	100
83) tert-Butylbenzene	11.713	119	25826	5.032	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	24478	4.883	ug/l	99
85) sec-Butylbenzene	11.890	105	29585	4.863	ug/l	99
86) p-Isopropyltoluene	12.006	119	24251	4.777	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	12694	4.903	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	12989	4.982	ug/l	93
89) n-Butylbenzene	12.329	91	18252	4.295	ug/l	98
90) Hexachloroethane	12.536	117	4242	4.456	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	13362	5.047	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2180	4.538	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	6503	4.260	ug/l	99
94) Hexachlorobutadiene	13.725	225	2711	4.480	ug/l	94
95) Naphthalene	13.774	128	25260	4.502	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7129	4.527	ug/l	99

10/03/2024

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

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