

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043186.D
 Acq On : 26 Sep 2024 18:17
 Operator : JC/MD
 Sample : P4164-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20240919MS

Quant Time: Sep 27 01:44:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/27/2024
 Supervised By :Semsettin Yesilyurt 09/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79143	48.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.440%		
35) Dibromofluoromethane	5.385	113	59948	48.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	8.647	98	198402	46.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.960%		
62) 4-Bromofluorobenzene	11.079	95	74605	43.867	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49157	46.648	ug/l	98
3) Chloromethane	1.300	50	51085	47.483	ug/l	100
4) Vinyl Chloride	1.373	62	53678	49.118	ug/l	100
5) Bromomethane	1.599	94	20395	32.439	ug/l	96
6) Chloroethane	1.666	64	24800	35.444	ug/l	99
7) Trichlorofluoromethane	1.873	101	89687	46.235	ug/l	96
8) Diethyl Ether	2.136	74	33880	52.021	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	53712	49.057	ug/l	99
10) Methyl Iodide	2.446	142	67400	51.794	ug/l	100
11) Tert butyl alcohol	2.989	59	93990	256.470	ug/l	99
12) 1,1-Dichloroethene	2.312	96	51055	48.751	ug/l	99
13) Acrolein	2.239	56	10421	215.836	ug/l	90
14) Allyl chloride	2.660	41	87944	45.224	ug/l	98
15) Acrylonitrile	3.068	53	171679	270.062	ug/l	100
16) Acetone	2.392	43	159133	207.311	ug/l	99
17) Carbon Disulfide	2.501	76	106347	40.853	ug/l	99
18) Methyl Acetate	2.709	43	118237	57.229	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	209486	52.497	ug/l	100
20) Methylene Chloride	2.788	84	61049	49.990	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	52121	48.098	ug/l	96
22) Diisopropyl ether	3.763	45	192659	52.910	ug/l	99
23) Vinyl Acetate	3.721	43	1048208	244.715	ug/l	100
24) 1,1-Dichloroethane	3.605	63	109283	51.909	ug/l	98
25) 2-Butanone	4.562	43	251511	254.182	ug/l	100
26) 2,2-Dichloropropane	4.471	77	90104	42.287	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68819	51.014	ug/l	99
28) Bromochloromethane	4.897	49	43625	47.074	ug/l	99
29) Tetrahydrofuran	5.007	42	159897	268.700	ug/l	100
30) Chloroform	5.092	83	119183	51.344	ug/l	98
31) Cyclohexane	5.470	56	77828	48.215	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	107369	48.830	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71197	46.418	ug/l	100
37) Ethyl Acetate	4.720	43	91482	47.484	ug/l	99
38) Carbon Tetrachloride	5.672	117	88969	45.029	ug/l	99
39) Methylcyclohexane	7.379	83	85265	44.294	ug/l	97
40) Benzene	6.037	78	223875	49.465	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53121	55.462	ug/l	100
42) 1,2-Dichloroethane	6.086	62	95616	49.754	ug/l	100
43) Isopropyl Acetate	6.342	43	157883	49.063	ug/l	100
44) Trichloroethene	7.122	130	57159	46.157	ug/l	98
45) 1,2-Dichloropropane	7.427	63	58835	52.190	ug/l	98
46) Dibromomethane	7.580	93	46978	49.489	ug/l	98
47) Bromodichloromethane	7.824	83	95653	48.459	ug/l	98
48) Methyl methacrylate	7.696	41	79687	50.416	ug/l	97
49) 1,4-Dioxane	7.665	88	34144	1144.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	508513	257.229	ug/l	100
52) Toluene	8.720	92	144493	49.573	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	92853	45.824	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	96857	47.863	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	61701	51.414	ug/l	98
56) Ethyl methacrylate	9.116	69	105582	50.559	ug/l	100
57) 1,3-Dichloropropane	9.305	76	102357	50.146	ug/l	99
59) 2-Hexanone	9.433	43	387007	250.364	ug/l	99
60) Dibromochloromethane	9.518	129	72483	46.249	ug/l	97
61) 1,2-Dibromoethane	9.610	107	64971	49.478	ug/l	100
64) Tetrachloroethene	9.275	164	46055	41.550	ug/l	95
65) Chlorobenzene	10.079	112	161906	49.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61643	50.640	ug/l	98
67) Ethyl Benzene	10.195	91	285109	49.943	ug/l	100
68) m/p-Xylenes	10.299	106	209588	98.655	ug/l	100
69) o-Xylene	10.640	106	105039	49.295	ug/l	99
70) Styrene	10.652	104	177592	49.965	ug/l	99
71) Bromoform	10.799	173	49059	45.823	ug/l #	97
73) Isopropylbenzene	10.963	105	275983	52.608	ug/l	100
74) N-amyl acetate	10.841	43	127117	51.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	94271	55.845	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78920m	53.066	ug/l	
77) Bromobenzene	11.201	156	65963	52.377	ug/l	100
78) n-propylbenzene	11.305	91	305190	51.276	ug/l	99
79) 2-Chlorotoluene	11.366	91	191549	51.311	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224594	51.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29039	46.522	ug/l	100
82) 4-Chlorotoluene	11.457	91	216771	50.802	ug/l	100
83) tert-Butylbenzene	11.713	119	239665	53.586	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	223936	51.859	ug/l	99
85) sec-Butylbenzene	11.890	105	276711	50.339	ug/l	100
86) p-Isopropyltoluene	12.012	119	230276	50.458	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	114608	49.910	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	116354	50.529	ug/l	98
89) n-Butylbenzene	12.335	91	191680	48.194	ug/l	99
90) Hexachloroethane	12.536	117	44753	49.207	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	118213	52.273	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23258	50.959	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	66588	47.493	ug/l	99
94) Hexachlorobutadiene	13.725	225	25567	43.402	ug/l	97
95) Naphthalene	13.774	128	254036	52.128	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68844	49.422	ug/l	99

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

