

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043482.D
 Acq On : 23 Oct 2024 09:45
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

Quant Time: Oct 24 04:28:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:25:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64646	51.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	5.391	113	51522	52.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.646	98	180635	52.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	67006	50.875	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	39182	47.529	ug/l	100
3) Chloromethane	1.294	50	51293	47.294	ug/l	100
4) Vinyl Chloride	1.380	62	46523	48.393	ug/l	100
5) Bromomethane	1.599	94	19626	46.491	ug/l	100
6) Chloroethane	1.672	64	16534	45.111	ug/l	100
7) Trichlorofluoromethane	1.867	101	63302	47.239	ug/l	100
8) Diethyl Ether	2.142	74	27139	47.842	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	38021	47.685	ug/l	100
10) Methyl Iodide	2.446	142	53406	51.686	ug/l	100
11) Tert butyl alcohol	3.019	59	43777	245.563	ug/l	100
12) 1,1-Dichloroethene	2.312	96	39476	49.656	ug/l	100
13) Acrolein	2.245	56	42402	233.626	ug/l	100
14) Allyl chloride	2.660	41	72749	47.297	ug/l	100
15) Acrylonitrile	3.074	53	103360	239.725	ug/l	100
16) Acetone	2.398	43	107132	229.860	ug/l	100
17) Carbon Disulfide	2.501	76	81744	48.068	ug/l	100
18) Methyl Acetate	2.715	43	57112	44.218	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	145496	49.607	ug/l	100
20) Methylene Chloride	2.794	84	49555	47.715	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	44186	47.885	ug/l	100
22) Diisopropyl ether	3.769	45	155675	49.979	ug/l	100
23) Vinyl Acetate	3.727	43	567397	258.448	ug/l	100
24) 1,1-Dichloroethane	3.611	63	89389	49.083	ug/l	100
25) 2-Butanone	4.574	43	152950	264.595	ug/l	100
26) 2,2-Dichloropropane	4.470	77	74384	48.921	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	57106	49.127	ug/l	100
28) Bromochloromethane	4.903	49	40857	51.937	ug/l	100
29) Tetrahydrofuran	5.019	42	95836	239.024	ug/l	100
30) Chloroform	5.098	83	96708	48.394	ug/l	100
31) Cyclohexane	5.464	56	61957	48.336	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	77926	48.905	ug/l	100
36) 1,1-Dichloropropene	5.690	75	56007	48.138	ug/l	100
37) Ethyl Acetate	4.733	43	60711	46.585	ug/l	100
38) Carbon Tetrachloride	5.678	117	61152	48.083	ug/l	100
39) Methylcyclohexane	7.378	83	66036	47.563	ug/l	100
40) Benzene	6.037	78	194562	48.535	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	31860	55.666	ug/l	100
42) 1,2-Dichloroethane	6.086	62	70998	49.567	ug/l	100
43) Isopropyl Acetate	6.348	43	97063	47.413	ug/l	100
44) Trichloroethene	7.122	130	46838	47.397	ug/l	100
45) 1,2-Dichloropropane	7.433	63	47263	51.239	ug/l	100
46) Dibromomethane	7.580	93	32290	48.971	ug/l	100
47) Bromodichloromethane	7.823	83	66007	49.664	ug/l	100
48) Methyl methacrylate	7.702	41	47402	53.584	ug/l	100
49) 1,4-Dioxane	7.671	88	17486	1035.334	ug/l	100
51) 4-Methyl-2-Pentanone	8.579	43	305224	249.000	ug/l	100
52) Toluene	8.720	92	118214	49.081	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63695	50.990	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	71773	51.144	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	42485	49.226	ug/l	100
56) Ethyl methacrylate	9.122	69	65182	51.083	ug/l	100
57) 1,3-Dichloropropane	9.311	76	74241	49.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	148623	262.248	ug/l	100
59) 2-Hexanone	9.433	43	225079	257.238	ug/l	100
60) Dibromochloromethane	9.524	129	44374	52.432	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42857	49.161	ug/l	100
64) Tetrachloroethene	9.274	164	40276	45.394	ug/l	100
65) Chlorobenzene	10.079	112	131522	46.595	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44295	49.671	ug/l	100
67) Ethyl Benzene	10.195	91	221380	48.653	ug/l	100
68) m/p-Xylenes	10.299	106	168333	96.842	ug/l	100
69) o-Xylene	10.640	106	85394	48.642	ug/l	100
70) Styrene	10.658	104	144866	51.128	ug/l	100
71) Bromoform	10.799	173	24682	48.473	ug/l #	100
73) Isopropylbenzene	10.963	105	204991	46.751	ug/l	100
74) N-amyl acetate	10.841	43	81468	49.552	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	60592	44.751	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	54783m	44.090	ug/l	
77) Bromobenzene	11.201	156	52285	46.510	ug/l	100
78) n-propylbenzene	11.305	91	234475	47.126	ug/l	100
79) 2-Chlorotoluene	11.366	91	156816	45.900	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	179996	46.842	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15011	45.353	ug/l	100
82) 4-Chlorotoluene	11.457	91	182429	46.096	ug/l	100
83) tert-Butylbenzene	11.713	119	170664	46.877	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	185828	47.202	ug/l	100
85) sec-Butylbenzene	11.890	105	205556	47.256	ug/l	100
86) p-Isopropyltoluene	12.006	119	178421	48.674	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	98850	46.675	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	97793	43.758	ug/l	100
89) n-Butylbenzene	12.335	91	144529	47.468	ug/l	100
90) Hexachloroethane	12.536	117	27601	47.330	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	96220	45.447	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12096	49.717	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	54470	45.409	ug/l	100
94) Hexachlorobutadiene	13.725	225	21283	46.844	ug/l	100
95) Naphthalene	13.774	128	162236	43.489	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	54389	45.749	ug/l	100

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

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