

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102624\
 Data File : VX043541.D
 Acq On : 26 Oct 2024 01:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102624

Quant Time: Oct 26 04:46:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102624W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 26 04:43:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87248	61.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.000%			
35) Dibromofluoromethane	5.379	113	64794	55.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.180%			
50) Toluene-d8	8.647	98	221145	54.723	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.440%			
62) 4-Bromofluorobenzene	11.079	95	85419	57.870	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47059	47.204	ug/l	96
3) Chloromethane	1.294	50	60685	47.715	ug/l	99
4) Vinyl Chloride	1.374	62	56261	48.563	ug/l	98
5) Bromomethane	1.593	94	23596	52.147	ug/l	97
6) Chloroethane	1.660	64	19624	51.768	ug/l	95
7) Trichlorofluoromethane	1.861	101	76064	50.027	ug/l	98
8) Diethyl Ether	2.136	74	37773	56.876	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	46587	48.543	ug/l	96
10) Methyl Iodide	2.441	142	73762	55.502	ug/l	100
11) Tert butyl alcohol	3.014	59	85203m	281.184	ug/l	
12) 1,1-Dichloroethene	2.306	96	48166	51.047	ug/l	96
13) Acrolein	2.239	56	71395	299.006	ug/l	97
14) Allyl chloride	2.654	41	91893	54.883	ug/l	98
15) Acrylonitrile	3.069	53	194180	289.286	ug/l	99
16) Acetone	2.392	43	171698	283.523	ug/l	97
17) Carbon Disulfide	2.495	76	101997	52.224	ug/l	100
18) Methyl Acetate	2.709	43	104269	57.290	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	215528	58.707	ug/l	98
20) Methylene Chloride	2.782	84	65325	55.197	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	54441	53.294	ug/l	91
22) Diisopropyl ether	3.764	45	198866	57.547	ug/l	99
23) Vinyl Acetate	3.721	43	889636	311.620	ug/l	98
24) 1,1-Dichloroethane	3.605	63	108683	55.756	ug/l	100
25) 2-Butanone	4.568	43	270086	293.644	ug/l	97
26) 2,2-Dichloropropane	4.465	77	68015	48.413	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	72916	57.290	ug/l	96
28) Bromochloromethane	4.897	49	53493	55.472	ug/l	99
29) Tetrahydrofuran	5.013	42	173613	289.083	ug/l	99
30) Chloroform	5.093	83	116648	55.959	ug/l	99
31) Cyclohexane	5.458	56	78110	50.506	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	92645	52.887	ug/l	98
36) 1,1-Dichloropropene	5.690	75	66649	48.318	ug/l	100
37) Ethyl Acetate	4.721	43	105059	55.806	ug/l	100
38) Carbon Tetrachloride	5.672	117	74144	47.303	ug/l	100
39) Methylcyclohexane	7.373	83	82974	46.906	ug/l	98
40) Benzene	6.031	78	237895	51.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	55228	58.323	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95270	56.168	ug/l	99
43) Isopropyl Acetate	6.342	43	163687	54.966	ug/l	99
44) Trichloroethene	7.123	130	55623	50.879	ug/l	99
45) 1,2-Dichloropropane	7.428	63	62813	55.783	ug/l	96
46) Dibromomethane	7.580	93	48300	55.838	ug/l	99
47) Bromodichloromethane	7.818	83	85198	55.520	ug/l	96
48) Methyl methacrylate	7.696	41	80188	57.676	ug/l	99
49) 1,4-Dioxane	7.671	88	38990	1091.539	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	529823	280.787	ug/l	98
52) Toluene	8.714	92	146298	51.462	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	89966	57.932	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96585	56.634	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	65664	54.734	ug/l	97
56) Ethyl methacrylate	9.116	69	109878	56.674	ug/l	99
57) 1,3-Dichloropropane	9.305	76	109541	55.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	268088	281.104	ug/l	99
59) 2-Hexanone	9.433	43	403664	282.920	ug/l	100
60) Dibromochloromethane	9.519	129	64166	57.161	ug/l	98
61) 1,2-Dibromoethane	9.610	107	69294	57.298	ug/l	96
64) Tetrachloroethene	9.275	164	44987	44.952	ug/l	94
65) Chlorobenzene	10.079	112	168954	50.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57631	51.305	ug/l	99
67) Ethyl Benzene	10.195	91	269047	48.630	ug/l	97
68) m/p-Xylenes	10.299	106	206290	98.417	ug/l	99
69) o-Xylene	10.640	106	106619	49.483	ug/l	100
70) Styrene	10.653	104	186169	53.385	ug/l	100
71) Bromoform	10.799	173	41405	46.064	ug/l #	95
73) Isopropylbenzene	10.963	105	247270	44.560	ug/l	99
74) N-amyl acetate	10.842	43	142983	51.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	103802	48.830	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86854m	48.125	ug/l	
77) Bromobenzene	11.195	156	69104	48.781	ug/l	99
78) n-propylbenzene	11.305	91	273161	46.189	ug/l	100
79) 2-Chlorotoluene	11.366	91	189211	47.683	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215532	46.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30607	46.945	ug/l	97
82) 4-Chlorotoluene	11.451	91	215325	49.034	ug/l	99
83) tert-Butylbenzene	11.713	119	211353	44.982	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	222650	47.249	ug/l	98
85) sec-Butylbenzene	11.890	105	241966	44.465	ug/l	100
86) p-Isopropyltoluene	12.006	119	207812	46.095	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123974	48.773	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	125620	49.026	ug/l	99
89) n-Butylbenzene	12.329	91	168154	46.008	ug/l	99
90) Hexachloroethane	12.536	117	33848	46.410	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	128108	48.878	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23059	50.981	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	77132	50.255	ug/l	99
94) Hexachlorobutadiene	13.725	225	22702	41.795	ug/l	97
95) Naphthalene	13.774	128	322516	51.209	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81746	50.906	ug/l	100

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

