

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035197.D
 Acq On : 15 Apr 2024 13:30
 Operator : SY/MD
 Sample : VSTD01055
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010255

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 15 23:59:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208291	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	210455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207178	15.071	ug/L	0.00
7) Chloroethane-d5	1.535	69	161460	13.863	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	86677	14.064	ug/L	0.00
20) 2-Butanone-d5	3.809	46	309555	97.529	ug/L	0.00
24) Chloroform-d	4.246	84	330806	12.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	158294	12.302	ug/L	0.00
32) Benzene-d6	4.960	84	658443	13.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	202963	13.400	ug/L	0.00
41) Toluene-d8	7.239	98	610181	13.316	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79317	14.208	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	343716	117.585	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156867	13.141	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	208550	11.790	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	206778	14.154	ug/L	99
3) Chloromethane	1.217	50	234349	13.718	ug/L	99
5) Vinyl chloride	1.285	62	236851	14.024	ug/L	99
6) Bromomethane	1.490	94	136350	14.298	ug/L	99
8) Chloroethane	1.551	64	145793	12.485	ug/L	99
9) Trichlorofluoromethane	1.715	101	280403	10.918	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	171196	12.010	ug/L	100
12) 1,1-Dichloroethene	2.069	96	165422	12.134	ug/L	97
13) Acetone	2.140	43	233450m	76.697	ug/L	
14) Carbon disulfide	2.240	76	533981	13.965	ug/L	100
15) Methyl Acetate	2.384	43	59357	10.909	ug/L	98
16) Methylene chloride	2.445	84	185432	11.741	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	393310	11.550	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	170089	12.241	ug/L	99
19) 1,1-Dichloroethane	3.111	63	342167	12.648	ug/L	99
21) 2-Butanone	3.889	43	357049	103.214	ug/L #	82
22) cis-1,2-Dichloroethene	3.815	96	184608	12.286	ug/L	99
23) Bromochloromethane	4.146	128	79261	12.566	ug/L	93
25) Chloroform	4.275	83	329187	11.909	ug/L	100
27) 1,2-Dichloroethane	5.040	62	204075	12.279	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	274970	10.335	ug/L	99
30) Cyclohexane	4.580	56	282772	12.063	ug/L	98
31) Carbon tetrachloride	4.735	117	233072	10.157	ug/L	100
33) Benzene	5.008	78	719087	11.893	ug/L	100
34) Trichloroethene	5.831	95	183530	11.638	ug/L	99
35) Methylcyclohexane	6.050	83	291733	11.791	ug/L	99
37) 1,2-Dichloropropane	6.091	63	192153	12.670	ug/L	100
38) Bromodichloromethane	6.432	83	229217	11.311	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	274897	13.230	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1082276	120.130	ug/L	99
42) Toluene	7.313	91	758697	11.929	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	221692	13.056	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	130184	12.648	ug/L	99
47) Tetrachloroethene	7.902	164	140324	11.366	ug/L	98
48) 2-Hexanone	8.075	43	794174	122.137	ug/L	99
49) Dibromochloromethane	8.175	129	134116	11.516	ug/L	98
50) 1,2-Dibromoethane	8.281	107	123499	12.842	ug/L	94
51) Chlorobenzene	8.812	112	472415	11.567	ug/L	98
52) Ethylbenzene	8.943	91	826535	11.739	ug/L	100
53) m,p-Xylene	9.072	106	308137	11.769	ug/L	100
54) o-Xylene	9.477	106	296476	11.455	ug/L	98
55) Styrene	9.493	104	528430	12.476	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	160902	12.898	ug/L	100
59) Bromoform	9.664	173	68794	11.707	ug/L	100
60) Isopropylbenzene	9.866	105	803684	11.703	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	114360	12.555	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	664382	11.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	672446	11.379	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	381304	11.381	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	383472	11.480	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	350835	11.178	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	24377	11.146	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	291948	11.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	240592	10.987	ug/L	100
71) Naphthalene	13.438	128	375031	10.513	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	220497	11.157	ug/L	100

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

