

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035198.D
 Acq On : 15 Apr 2024 13:53
 Operator : SY/MD
 Sample : VSTD02056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02056

Quant Time: Apr 16 00:00:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	226227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	454502	30.442	ug/L	0.00
7) Chloroethane-d5	1.535	69	345026	27.275	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	192138	28.705	ug/L	0.00
20) 2-Butanone-d5	3.818	46	938582	272.267	ug/L	0.00
24) Chloroform-d	4.249	84	705469	25.191	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	346561	24.799	ug/L	0.00
32) Benzene-d6	4.960	84	1423409	26.160	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	443606	27.193	ug/L	0.00
41) Toluene-d8	7.239	98	1327558	26.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	181213	30.139	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	802018	254.756	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	338570	26.335	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	467770	23.516	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	433009	27.290	ug/L	99
3) Chloromethane	1.217	50	499432	26.916	ug/L	98
5) Vinyl chloride	1.285	62	510293	27.820	ug/L	99
6) Bromomethane	1.490	94	297570	28.731	ug/L	99
8) Chloroethane	1.552	64	306288	24.149	ug/L	98
9) Trichlorofluoromethane	1.716	101	594887	21.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	373756	24.141	ug/L	100
12) 1,1-Dichloroethene	2.069	96	358993	24.244	ug/L	95
13) Acetone	2.201	43	565381m	171.022	ug/L	
14) Carbon disulfide	2.240	76	1170906	28.193	ug/L	99
15) Methyl Acetate	2.391	43	181956	30.791	ug/L	95
16) Methylene chloride	2.445	84	383454	22.354	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	891098	24.093	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	366965	24.315	ug/L	98
19) 1,1-Dichloroethane	3.111	63	728097	24.779	ug/L	99
21) 2-Butanone	3.899	43	977067	260.053	ug/L #	70
22) cis-1,2-Dichloroethene	3.812	96	399012	24.449	ug/L	98
23) Bromochloromethane	4.146	128	170016	24.817	ug/L	96
25) Chloroform	4.275	83	699700	23.307	ug/L	100
27) 1,2-Dichloroethane	5.040	62	445991	24.707	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	587930	20.518	ug/L	99
30) Cyclohexane	4.580	56	626598	24.819	ug/L	99
31) Carbon tetrachloride	4.735	117	504651	20.419	ug/L	99
33) Benzene	5.008	78	1529539	23.489	ug/L	100
34) Trichloroethene	5.831	95	397309	23.393	ug/L	98
35) Methylcyclohexane	6.050	83	657273	24.666	ug/L	98
37) 1,2-Dichloropropane	6.092	63	414492	25.378	ug/L	100
38) Bromodichloromethane	6.429	83	487463	22.335	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	627153	28.026	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	2333168	240.463	ug/L	98
42) Toluene	7.313	91	1631910	23.825	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	512583	28.030	ug/L	100

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Manual Integrations
 APPROVED

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

Quant Time: Apr 16 00:00:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	272399	24.574	ug/L	97
47) Tetrachloroethene	7.905	164	304179	22.876	ug/L	98
48) 2-Hexanone	8.075	43	1691519	241.544	ug/L	97
49) Dibromochloromethane	8.175	129	298489	23.797	ug/L	100
50) 1,2-Dibromoethane	8.281	107	263690	25.460	ug/L	95
51) Chlorobenzene	8.812	112	1025056	23.305	ug/L	99
52) Ethylbenzene	8.944	91	1838259	24.241	ug/L	99
53) m,p-Xylene	9.069	106	690668	24.494	ug/L	99
54) o-Xylene	9.477	106	671976	24.106	ug/L	97
55) Styrene	9.493	104	1167333	25.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	347193	25.843	ug/L	99
59) Bromoform	9.664	173	160490	24.287	ug/L	99
60) Isopropylbenzene	9.866	105	1834708	23.758	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	246430	24.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	1541924	23.322	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	1549586	23.318	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	852036	22.615	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	853448	22.722	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	775016	21.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	54967	22.351	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	663025	22.884	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	576454	23.410	ug/L	99
71) Naphthalene	13.435	128	887605	22.128	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	508424	22.878	ug/L	100

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

