

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027045.D
 Acq On : 28 Jul 2022 18:20
 Operator : SY/MD
 Sample : VSTD05042
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050242

Quant Time: Jul 29 01:28:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 08/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	571498	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	564104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	308865	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	265874	48.900	ug/L	0.00
7) Chloroethane-d5	1.561	69	211164	49.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	461857	49.896	ug/L	0.00
21) 2-Butanone-d5	3.883	46	300548	92.327	ug/L	0.00
24) Chloroform-d	4.342	84	491319	50.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	282159	50.758	ug/L	0.00
32) Benzene-d6	5.043	84	1005793	50.774	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	305472	50.383	ug/L	0.00
41) Toluene-d8	7.313	98	946589	52.867	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	139633	52.135	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	282180	108.263	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	464007	50.758	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	342288	49.298	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	309817	52.235	ug/L	100
3) Chloromethane	1.236	50	283530	52.278	ug/L	100
5) Vinyl chloride	1.304	62	301609	52.428	ug/L	100
6) Bromomethane	1.516	94	181202	51.288	ug/L	100
8) Chloroethane	1.577	64	176870	52.364	ug/L	100
9) Trichlorofluoromethane	1.748	101	389974	52.839	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	221565	52.004	ug/L	100
12) 1,1-Dichloroethene	2.111	96	217300	52.200	ug/L	100
13) Acetone	2.172	43	238593m	111.741	ug/L	
14) Carbon disulfide	2.285	76	679668	51.464	ug/L	100
15) Methyl Acetate	2.429	43	201965	52.925	ug/L	100
16) Methylene chloride	2.500	84	268338	50.570	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	239131	52.470	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	670625	53.572	ug/L	100
19) 1,1-Dichloroethane	3.182	63	416225	52.299	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	247146	52.440	ug/L	100
22) 2-Butanone	3.966	43	269042	92.288	ug/L	93
23) Bromochloromethane	4.243	128	135916	53.536	ug/L	100
25) Chloroform	4.371	83	439798	52.415	ug/L	100
27) 1,2-Dichloroethane	5.127	62	301041	52.138	ug/L	100
29) Cyclohexane	4.670	56	331803	54.745	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	380298	52.525	ug/L	100
31) Carbon tetrachloride	4.821	117	331573	52.606	ug/L	100
33) Benzene	5.095	78	980263	53.922	ug/L	100
34) Trichloroethene	5.911	95	244387	52.232	ug/L	100
35) Methylcyclohexane	6.127	83	392273	56.198	ug/L	100
37) 1,2-Dichloropropane	6.169	63	256021	56.271	ug/L	100
38) Bromodichloromethane	6.506	83	327056	54.120	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	360231	55.191	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	654509	113.734	ug/L	100
42) Toluene	7.384	91	1059326	56.517	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	353474	55.704	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	264478	54.295	ug/L	100
46) Tetrachloroethene	7.972	164	193204	52.792	ug/L	100
48) 2-Hexanone	8.140	43	530153	116.902	ug/L	100
49) Dibromochloromethane	8.246	129	270347	53.966	ug/L	100
50) 1,2-Dibromoethane	8.349	107	274418	53.724	ug/L	100
51) Chlorobenzene	8.879	112	674293	53.343	ug/L	100
52) Ethylbenzene	9.011	91	1060276	55.866	ug/L	100
53) m,p-Xylene	9.136	106	427662	57.289	ug/L	100
54) o-Xylene	9.541	106	412213	57.340	ug/L	100
55) Styrene	9.558	104	751123	59.700	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	420567	53.551	ug/L	100
59) Bromoform	9.728	173	181186	51.642	ug/L	100
60) Isopropylbenzene	9.931	105	1056612	54.819	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	331523	51.179	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	441793	53.552	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	356778	54.194	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	497614	53.182	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	509522	51.676	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	517829	52.993	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	87203	51.346	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	328313	51.733	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	279421	51.442	ug/L	100
71) Naphthalene	13.500	128	960257	50.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	310241	52.658	ug/L	100

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

