

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034824.D
 Acq On : 26 Mar 2024 13:06
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010236

Manual IntegrationsAPPROVED

Quant Time: Mar 27 01:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 03/27/2024
 Supervised By :Semsettin Yesilyurt 03/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	391869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	185254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38084	11.026	ug/L	0.00
7) Chloroethane-d5	1.532	69	32825	11.687	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	16121	10.377	ug/L	0.00
21) 2-Butanone-d5	3.806	46	38966m	17.188	ug/L	0.02
24) Chloroform-d	4.249	84	61534	10.115	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	37789	9.622	ug/L	0.00
32) Benzene-d6	4.960	84	118553	10.494	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	38226	10.927	ug/L	0.00
41) Toluene-d8	7.243	98	105149	10.282	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	17396	10.003	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	23723m	14.479	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.153	84	48899	10.535	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	39561	10.240	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	28779	7.496	ug/L	97
3) Chloromethane	1.217	50	36812	9.286	ug/L	99
5) Vinyl chloride	1.285	62	37940	9.737	ug/L	98
6) Bromomethane	1.487	94	27330	10.770	ug/L	99
8) Chloroethane	1.548	64	25674	10.764	ug/L	100
9) Trichlorofluoromethane	1.716	101	50483	8.872	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31181	9.926	ug/L	100
12) 1,1-Dichloroethene	2.069	96	29621	10.095	ug/L	99
13) Acetone	2.121	43	41418	16.019	ug/L	97
14) Carbon disulfide	2.243	76	84180	10.366	ug/L	99
15) Methyl Acetate	2.378	43	28575	8.319	ug/L	100
16) Methylene chloride	2.445	84	31720	10.160	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	27870	9.812	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	93129	9.145	ug/L	99
19) 1,1-Dichloroethane	3.111	63	57201	10.212	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	30689	9.897	ug/L	98
22) 2-Butanone	3.886	43	45979m	17.511	ug/L	
23) Bromochloromethane	4.150	128	15254	9.572	ug/L	95
25) Chloroform	4.275	83	57163	9.903	ug/L	97
27) 1,2-Dichloroethane	5.043	62	43349	9.296	ug/L	100
29) Cyclohexane	4.580	56	44927	9.442	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	49114	9.546	ug/L	97
31) Carbon tetrachloride	4.732	117	40360	8.918	ug/L	98
33) Benzene	5.008	78	118376	10.305	ug/L	100
34) Trichloroethene	5.834	95	32509	10.057	ug/L	99
35) Methylcyclohexane	6.047	83	48327	9.869	ug/L	99
37) 1,2-Dichloropropane	6.095	63	32354	10.604	ug/L	100
38) Bromodichloromethane	6.432	83	41180	9.807	ug/L	95
39) cis-1,3-Dichloropropene	6.957	75	47808	9.771	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	76363	17.493	ug/L	99
42) Toluene	7.317	91	121192	9.976	ug/L	98

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44) trans-1,3-Dichloropropene	7.583	75	42578	9.081	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	30840	10.551	ug/L	98
46) Tetrachloroethene	7.905	164	23012	9.712	ug/L	98
48) 2-Hexanone	8.079	43	66929m	19.250	ug/L	
49) Dibromochloromethane	8.175	129	28397	9.319	ug/L	100
50) 1,2-Dibromoethane	8.284	107	32968	10.615	ug/L	99
51) Chlorobenzene	8.815	112	79745	10.134	ug/L	98
52) Ethylbenzene	8.947	91	134702	9.934	ug/L	100
53) m,p-Xylene	9.072	106	47377	9.211	ug/L	96
54) o-Xylene	9.477	106	47401	9.394	ug/L	100
55) Styrene	9.497	104	77449	9.081	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	47099	10.503	ug/L	100
59) Bromoform	9.664	173	18851	9.140	ug/L	99
60) Isopropylbenzene	9.866	105	131322	9.984	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	38405	10.547	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	80683	7.628	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	97456	8.909	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	61724	10.141	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	62507	10.071	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	60038	9.835	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9350	8.773	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	43489	9.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	37462	9.176	ug/L	97
71) Naphthalene	13.442	128	94027	8.713	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	37134	9.338	ug/L	99

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

