

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035324.D
 Acq On : 26 Apr 2023 19:26
 Operator : JC/MD
 Sample : 02419-12MSD
 Misc : 4.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW925MSD

Quant Time: Apr 27 04:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/27/2023
 Supervised By :Mahesh
 Dadoda

05/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	467580	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	408572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	208092	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	124144	41.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.360%
7) Chloroethane-d5	1.672	69	85387m	39.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.380%
11) 1,1-Dichloroethene-d2	2.288	65	64808	44.924	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
21) 2-Butanone-d5	4.489	46	167085	83.162	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	5.056	84	274877	48.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
26) 1,2-Dichloroethane-d4	5.952	65	174185	47.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
32) Benzene-d6	5.970	84	576014	49.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	7.305	67	173776	48.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	8.647	98	530565	49.463	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	8.952	79	79009	50.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.860%
47) 2-Hexanone-d5	9.421	63	124238	86.295	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.290%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	204822	46.650	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.300%
66) 1,2-Dichlorobenzene-d4	12.323	152	197383	48.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	163897m	46.770	ug/L	
3) Chloromethane	1.294	50	133143	41.749	ug/L	98
5) Vinyl chloride	1.374	62	134685	40.696	ug/L	100
6) Bromomethane	1.617	94	80043	40.722	ug/L	99
8) Chloroethane	1.691	64	71808m	38.904	ug/L	
9) Trichlorofluoromethane	1.880	101	166457	37.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	154198	50.363	ug/L	98
12) 1,1-Dichloroethene	2.300	96	131374	47.029	ug/L	98
13) Acetone	2.416	43	120007	80.533	ug/L	100
14) Carbon disulfide	2.495	76	274859	39.824	ug/L	100
15) Methyl Acetate	2.715	43	153035	47.941	ug/L	97
16) Methylene chloride	2.782	84	153779	49.440	ug/L	94
17) trans-1,2-Dichloroethene	3.081	96	139708	48.568	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	510445	51.311	ug/L	99
19) 1,1-Dichloroethane	3.605	63	269755	48.648	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	167248	49.730	ug/L	98
22) 2-Butanone	4.586	43	195496	85.471	ug/L	99
23) Bromochloromethane	4.897	128	82629	49.606	ug/L	95
25) Chloroform	5.092	83	286116	50.892	ug/L	98

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27) 1,2-Dichloroethane	6.086	62	222433	49.397	ug/L	99
29) Cyclohexane	5.458	56	255945	51.846	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	238637	49.800	ug/L	97
31) Carbon tetrachloride	5.672	117	201035	49.476	ug/L	98
33) Benzene	6.031	78	612835	49.530	ug/L	100
34) Trichloroethene	7.123	95	163715	49.741	ug/L	98
35) Methylcyclohexane	7.379	83	268411	60.554	ug/L	98
37) 1,2-Dichloropropane	7.427	63	162417	49.858	ug/L	99
38) Bromodichloromethane	7.824	83	187430	48.696	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	251444	51.622	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	395833m	92.177	ug/L	
42) Toluene	8.720	91	661246	51.510	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	229581	52.310	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	160111	51.796	ug/L	97
46) Tetrachloroethene	9.275	164	134958	55.046	ug/L	98
48) 2-Hexanone	9.464	43	299208m	91.770	ug/L	
49) Dibromochloromethane	9.525	129	147617	50.249	ug/L	100
50) 1,2-Dibromoethane	9.610	107	167690	52.135	ug/L	99
51) Chlorobenzene	10.079	112	432791	51.173	ug/L	98
52) Ethylbenzene	10.195	91	746872	52.631	ug/L	100
53) m,p-Xylene	10.305	106	289292	53.237	ug/L	95
54) o-Xylene	10.640	106	280840	52.567	ug/L	94
55) Styrene	10.659	104	470833	52.016	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.219	83	222167	48.767	ug/L	99
59) Bromoform	10.811	173	97660	45.591	ug/L	100
60) Isopropylbenzene	10.963	105	759088	53.647	ug/L	99
61) 1,2,3-Trichloropropane	11.250	75	175162	45.592	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	640580	55.358	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	636494	55.318	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	338201	52.407	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	340493	51.563	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	330356	50.487	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40396	42.612	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	246319	61.741	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	232044	62.116	ug/L	100
71) Naphthalene	13.774	128	726013	54.560	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	223175	60.516	ug/L	98

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

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