

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027845.D
 Acq On : 15 Sep 2022 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Sep 16 01:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.584	114	150795	5.000	ug/L	-0.03
28) Chlorobenzene-d5	8.854	117	121649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	36275	3.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.555	69	37714	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.095	63	88208	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.944	46	85078	38.621	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.240%
24) Chloroform-d	4.336	84	96819	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.024	65	52816	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.031	84	189698	5.375	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.047	67	49384m	4.779	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.317	98	157441	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.629	79	16525	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.111	63	54626	42.394	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30419	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	53602	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	67244	4.542	ug/L	99
3) Chloromethane	1.230	50	50280	3.730	ug/L	94
5) Vinyl chloride	1.298	62	56738	4.179	ug/L	98
6) Bromomethane	1.510	94	32845	4.492	ug/L	98
8) Chloroethane	1.574	64	34929	4.480	ug/L	98
9) Trichlorofluoromethane	1.741	101	109942	4.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	52381	4.885	ug/L	95
12) 1,1-Dichloroethene	2.105	96	47724	4.775	ug/L	92
13) Acetone	2.230	43	58809	35.830	ug/L	92
14) Carbon disulfide	2.278	76	117944	3.975	ug/L	98
15) Methyl Acetate	2.445	43	18532m	4.257	ug/L	
16) Methylene chloride	2.494	84	51562	4.006	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	107546	4.534	ug/L	98
18) trans-1,2-Dichloroethene	2.741	96	48948	4.638	ug/L	90
19) 1,1-Dichloroethane	3.172	63	91237	4.607	ug/L	98
21) 2-Butanone	4.024	43	87948	37.959	ug/L	92
22) cis-1,2-Dichloroethene	3.892	96	54569	4.744	ug/L #	91
23) Bromochloromethane	4.230	128	21859	4.525	ug/L	81
25) Chloroform	4.362	83	101406	4.615	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	66912	5.022	ug/L	96
29) 1,1,1-Trichloroethane	4.590	97	98081	5.242	ug/L	98
30) Cyclohexane	4.651	56	69402	4.514	ug/L	93
31) Carbon tetrachloride	4.805	117	86765	5.458	ug/L	98
33) Benzene	5.079	78	213106	5.303	ug/L	100
34) Trichloroethene	5.876	95	55078	5.477	ug/L	97
35) Methylcyclohexane	6.088	83	79353	5.138	ug/L	95
37) 1,2-Dichloropropane	6.149	63	45905	4.815	ug/L	98
38) Bromodichloromethane	6.516	83	63433	5.018	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	60259	5.006	ug/L	98
40) 4-Methyl-2-pentanone	7.256	43	185236	42.866	ug/L	96
42) Toluene	7.387	91	214364	5.508	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	50594	5.008	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	32747	5.301	ug/L	93
47) Tetrachloroethene	7.973	164	43079	5.338	ug/L	94
48) 2-Hexanone	8.159	43	139939	44.544	ug/L	98
49) Dibromochloromethane	8.249	129	41277	5.263	ug/L	99
50) 1,2-Dibromoethane	8.358	107	28395	5.083	ug/L #	98
51) Chlorobenzene	8.882	112	135066	5.348	ug/L	98
52) Ethylbenzene	9.011	91	212333	5.261	ug/L	100
53) m,p-Xylene	9.140	106	87536	5.514	ug/L	95
54) o-Xylene	9.542	106	83694	5.530	ug/L	96
55) Styrene	9.561	104	145572	5.563	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	32385	4.678	ug/L	98
59) Bromoform	9.735	173	21183	5.065	ug/L #	98
60) Isopropylbenzene	9.931	105	223279	5.165	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24381	4.456	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	62375	5.123	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	169406	4.895	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	113077	5.166	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	111943	5.075	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	100322	5.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4881	4.156	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	84851	5.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	61865	4.718	ug/L	98
71) Naphthalene	13.500	128	80217	3.895	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53861	4.611	ug/L	100

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

