

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033729.D
 Acq On : 18 Jan 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Jan 19 00:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	98956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35851	5.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.536	69	29033	5.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.060	65	16812	6.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	124.600%
20) 2-Butanone-d5	3.841	46	49859m	34.072	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.140%
24) Chloroform-d	4.249	84	63393	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.944	65	27225	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	125257	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.989	67	33954	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.243	98	118563	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	7.555	79	12981	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.031	63	38302	35.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.900%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18066	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	35973	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49566	4.971	ug/L	99
3) Chloromethane	1.217	50	53184	4.449	ug/L	99
5) Vinyl chloride	1.285	62	54725	4.807	ug/L	100
6) Bromomethane	1.491	94	19744	3.467	ug/L	98
8) Chloroethane	1.552	64	33420	4.833	ug/L	98
9) Trichlorofluoromethane	1.716	101	76179	5.507	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40894	5.260	ug/L	98
12) 1,1-Dichloroethene	2.073	96	39068	5.064	ug/L	95
13) Acetone	2.163	43	47470m	39.960	ug/L	
14) Carbon disulfide	2.243	76	133394	4.673	ug/L	99
15) Methyl Acetate	2.391	43	14855m	5.232	ug/L	
16) Methylene chloride	2.449	84	50524	5.549	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	80100	4.585	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	42237	4.846	ug/L	94
19) 1,1-Dichloroethane	3.111	63	81829	4.726	ug/L	98
21) 2-Butanone	3.912	43	60559	36.725	ug/L	90
22) cis-1,2-Dichloroethene	3.815	96	44037	4.826	ug/L	98
23) Bromochloromethane	4.153	128	16204	4.869	ug/L	# 91
25) Chloroform	4.275	83	78529	4.939	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	44175	4.876	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	72847	5.192	ug/L	99
30) Cyclohexane	4.584	56	77258	4.594	ug/L	94
31) Carbon tetrachloride	4.735	117	64074	5.357	ug/L	99
33) Benzene	5.011	78	173075	4.927	ug/L	100
34) Trichloroethene	5.831	95	45439	4.858	ug/L	96
35) Methylcyclohexane	6.047	83	76072	4.806	ug/L	98
37) 1,2-Dichloropropane	6.095	63	40400	4.630	ug/L	99
38) Bromodichloromethane	6.433	83	52290	4.917	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	59471	4.774	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	170900	42.610	ug/L	98
42) Toluene	7.314	91	185821	5.001	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	45467	4.528	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	22547	4.651	ug/L	99
47) Tetrachloroethene	7.902	164	35568	5.293	ug/L	98
48) 2-Hexanone	8.079	43	116404	39.617	ug/L	95
49) Dibromochloromethane	8.175	129	29946	4.962	ug/L	99
50) 1,2-Dibromoethane	8.285	107	21465	4.798	ug/L	95
51) Chlorobenzene	8.812	112	114182	5.016	ug/L	96
52) Ethylbenzene	8.944	91	210923	4.897	ug/L	97
53) m,p-Xylene	9.072	106	78318	4.936	ug/L	98
54) o-Xylene	9.477	106	75288	4.875	ug/L	96
55) Styrene	9.497	104	121680	4.944	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	24198	4.549	ug/L	99
59) Bromoform	9.667	173	15509	5.168	ug/L	97
60) Isopropylbenzene	9.866	105	204008	5.186	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	18024	4.522	ug/L	94
62) 1,3,5-Trimethylbenzene	10.474	105	175135	5.153	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	175279	5.108	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	89523	5.145	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	84626	4.967	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	76492	5.059	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	3902	4.454	ug/L	90
69) 1,3,5-Trichlorobenzene	12.580	180	70275	5.203	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	51108	4.541	ug/L	98
71) Naphthalene	13.442	128	59346	3.160	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	40180	4.452	ug/L	100

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

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