

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035615.D
 Acq On : 15 May 2024 10:16
 Operator : SY/MD
 Sample : P2409-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2024-04

Quant Time: May 16 01:39:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:35:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/17/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	225236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	240644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103481	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	59343	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.529	69	57588	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	26319	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	143509	43.102	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	4.246	84	138960	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	67654	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.957	84	247259	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	85301	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.243	98	191975	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.558	79	26628	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	121589	44.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	62384	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	79681	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	4708	0.261	ug/L	100
3) Chloromethane	1.214	50	5647	0.277	ug/L	99
5) Vinyl chloride	1.281	62	5340	0.261	ug/L #	73
6) Bromomethane	1.487	94	3912	0.283	ug/L	98
8) Chloroethane	1.548	64	3571	0.270	ug/L	95
9) Trichlorofluoromethane	1.712	101	7178	0.272	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5488	0.330	ug/L #	84
12) 1,1-Dichloroethene	2.066	96	5247	0.331	ug/L #	1
14) Carbon disulfide	2.236	76	11980	0.271	ug/L	96
15) Methyl Acetate	2.400	43	1313m	0.216	ug/L	
16) Methylene chloride	2.445	84	7370	0.330	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	9335	0.255	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	4239	0.257	ug/L	98
19) 1,1-Dichloroethane	3.111	63	8017	0.244	ug/L	96
21) 2-Butanone	3.937	43	8619m	2.423	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	4331	0.250	ug/L	97
23) Bromochloromethane	4.169	128	2328	0.276	ug/L #	78
25) Chloroform	4.275	83	11724	0.342	ug/L	99
27) 1,2-Dichloroethane	5.063	62	5230	0.275	ug/L	98

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29) 1,1,1-Trichloroethane	4.513	97	7543	0.259	ug/L	98
30) Cyclohexane	4.574	56	4903	0.233	ug/L	94
31) Carbon tetrachloride	4.731	117	6281	0.248	ug/L	100
33) Benzene	5.014	78	16140	0.244	ug/L	100
34) Trichloroethene	5.847	95	5471	0.288	ug/L	89
35) Methylcyclohexane	6.043	83	5628	0.229	ug/L	97
37) 1,2-Dichloropropane	6.104	63	4990	0.281	ug/L #	89
38) Bromodichloromethane	6.442	83	6554	0.274	ug/L	95
39) cis-1,3-Dichloropropene	6.973	75	5666	0.239	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	18898m	2.240	ug/L	
42) Toluene	7.323	91	16048	0.233	ug/L	94
44) trans-1,3-Dichloropropene	7.603	75	5044m	0.252	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	3503	0.252	ug/L	88
47) Tetrachloroethene	7.911	164	3762	0.251	ug/L	93
48) 2-Hexanone	8.091	43	23193	3.739	ug/L #	90
49) Dibromochloromethane	8.178	129	3830	0.249	ug/L	96
50) 1,2-Dibromoethane	8.294	107	3317	0.257	ug/L #	99
51) Chlorobenzene	8.818	112	12972	0.271	ug/L	97
52) Ethylbenzene	8.953	91	16671	0.231	ug/L	96
53) m,p-Xylene	9.082	106	5531	0.202	ug/L	98
54) o-Xylene	9.484	106	5411	0.208	ug/L	87
55) Styrene	9.509	104	8861	0.196	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	3789	0.255	ug/L #	90
59) Bromoform	9.677	173	1981	0.266	ug/L #	94
60) Isopropylbenzene	9.870	105	13839	0.236	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	2811	0.291	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.477	105	10477	0.227	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	10247	0.224	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	8466	0.268	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	9928	0.305	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	9256	0.307	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	532	0.259	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.586	180	7203	0.301	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	5414	0.285	ug/L	97
71) Naphthalene	13.451	128	6847	0.251	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.683	180	4753	0.271	ug/L	98

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

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