

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046378.D
 Acq On : 28 May 2025 12:19
 Operator : JC/MD
 Sample : PB168159TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168159TB

Quant Time: May 29 03:34:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68551	53.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.900%	
35) Dibromofluoromethane	5.379	113	50552	51.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.640%	
50) Toluene-d8	8.647	98	174578	51.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	11.079	95	69234	53.451	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	21	0.020	ug/l #	43
3) Chloromethane	1.307	50	108	0.107	ug/l #	43
6) Chloroethane	1.666	64	44	0.088	ug/l #	44
10) Methyl Iodide	2.453	142	21	0.021	ug/l #	34
14) Allyl chloride	2.642	41	94	0.061	ug/l #	21
15) Acrylonitrile	3.093	53	45	0.088	ug/l #	66
16) Acetone	2.379	43	29436	57.783	ug/l	98
18) Methyl Acetate	2.703	43	1786	1.511	ug/l	99
20) Methylene Chloride	2.788	84	4310	4.415	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	20	0.025	ug/l #	57
23) Vinyl Acetate	3.562	43	22	0.008	ug/l #	74
37) Ethyl Acetate	4.733	43	116	0.072	ug/l #	70
41) Methacrylonitrile	5.044	41	118	0.139	ug/l #	25
42) 1,2-Dichloroethane	6.098	62	88	0.053	ug/l #	78
43) Isopropyl Acetate	6.342	43	11450	4.634	ug/l	96
52) Toluene	8.720	92	36	0.015	ug/l #	1
56) Ethyl methacrylate	9.238	69	197	0.133	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.281	63	25	0.033	ug/l #	48
65) Chlorobenzene	10.079	112	132	0.045	ug/l #	62
67) Ethyl Benzene	10.201	91	285	0.055	ug/l #	45
68) m/p-Xylenes	10.305	106	175	0.092	ug/l #	54
69) o-Xylene	10.640	106	46	0.025	ug/l #	1
70) Styrene	10.683	104	21	0.007	ug/l #	23
73) Isopropylbenzene	10.963	105	99	0.022	ug/l	87
78) n-propylbenzene	11.305	91	323	0.062	ug/l #	54
79) 2-Chlorotoluene	11.378	91	255	0.075	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	194	0.052	ug/l	79
82) 4-Chlorotoluene	11.463	91	288	0.077	ug/l #	48
83) tert-Butylbenzene	11.707	119	103	0.027	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.756	105	294	0.077	ug/l #	33
85) sec-Butylbenzene	11.884	105	294	0.063	ug/l #	57
86) p-Isopropyltoluene	12.012	119	264	0.069	ug/l #	9
87) 1,3-Dichlorobenzene	11.969	146	270	0.141	ug/l	73
88) 1,4-Dichlorobenzene	11.969	146	270	0.139	ug/l	74
89) n-Butylbenzene	12.335	91	337	0.100	ug/l #	70
91) 1,2-Dichlorobenzene	12.347	146	71	0.037	ug/l #	25

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

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